



MIDDLE TENNESSEE  
SCHOOL OF  
ANESTHESIA

*Reflecting Christ in Anesthesia Education*

## 2024 HANDBOOK



DOCTOR OF NURSE ANESTHESIA PRACTICE  
(DNAP) PRACTICE DOCTORATE PROGRAM

[www.mtsa.edu](http://www.mtsa.edu)

315 Hospital Drive, P.O. Box 417, Madison, TN 37116

# UPDATES

*Unless otherwise stated, the updates listed below apply to all currently enrolled PD cohorts.*

DATE	TITLE	CHANGE MADE
01/18/2022	3.2.104 Nondiscriminatory Policy	Language changed from "part time" to "half time".
01/18/2022	5.4.108 Student Grading Policy	Any student who makes a C in a single clinical rotation will be placed on clinical probation and meet with Progressions Committee.
4/19/2022	5.4.103 MTSA Clinical Standards Policy	Language added about licensure lapsing consequences
07/12/2022	Institutional Statistics	Updated to include final 2021 statistics
08/31/22	3.3.119 Defining Enrollment Status Policy	New Policy added
08/31/22	3.3.109 Sabbath (Saturday) Scheduling Policy	Changed AANA name from Anesthetist to Anesthesiology
09/13/22	Practice Doctorate Program	Changed full time enrollment from 9 credit hours to 8 credit hours
09/13/22	Academic & Clinical Summary	Removed Nashville General Hospital as a clinical site.
09/13/22	Student Advisement	Changed verbiage of "remediation" to "performance review plan"
09/13/22	5.4.101 Attendance Policy and Expectations	Removed contact via phone to email
09/13/22	5.4.106 Practice Doctorate Program Remediation Policy	Policy title changed from Remediation Policy to Performance Improvement Policy as well as verbiage in policy.
09/13/22	Clinical Rotation	Clinical fee will be assessed at the beginning of the 6th semester.
09/13/22	Affiliate Site Information	Sites added and deleted to be current
09/13/22	5.4.103 Policy of MTSA Clinical Standards	Clinical grading percentages updated. Clinical Care Plan Submission changes made.
09/13/22	5.4.108 Grading Policy (DNAP Practice Doctorate Program)	Updated language for the following: <ul style="list-style-type: none"> <li>• Grade of Below 70% = Dismissal</li> <li>• Second Clinical Disciplinary event will lead to immediate dismissal.</li> <li>• Certified letters will no longer be sent via USPS</li> </ul>
09/13/22	5.1.105 Student Counseling Policy	Contact has changed from Director of Student Services to Executive Vice President. MTSA no longer mandates counseling.
09/13/22	5.4.107 Practice Doctorate Program Student Evaluations	Valley Review course will no longer be used. It has been replaced by Prodigy Anesthesia Program.

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# DNAP-PD HANDBOOK 2024

## GENERAL INFORMATION

### PRESIDENT'S WELCOME



Welcome to the Doctor of Nurse Anesthesia Practice Doctorate Program at the Middle Tennessee School of Anesthesia (MTSA). We are pleased that you have entrusted MTSA with helping advance your career and educational goals. You have our commitment that we will support your aspirations as you achieve this new level of professionalism and scholarship within the nurse anesthesia profession.

MTSA faculty and staff focus on you and are committed to providing an atmosphere conducive to collegial relationship building. The School is built upon a strong foundation embracing Christian, Seventh-day Adventist values and beliefs, academic excellence, and superb clinical skills.

Feel free to contact me if I can help you in exploring all the possibilities before you. Thank you for the trust and confidence you have placed with us. I assure you that we will do all we can to meet and exceed your expectations! Welcome to MTSA.

Chris Hulin, DNP, MSN, MBA, CRNA

President

# PROGRAM ADMINISTRATOR'S WELCOME



I would like to congratulate you on your hard work, dedication, and decision to join an elite team of nurses trained in the art of anesthesia. Nurse anesthesia continues to be ranked as one of the most lucrative careers both financially and from job satisfaction surveys. I want to personally thank you for choosing MTSA as the vehicle to achieve your higher education goals.

To become a member of one of the greatest professions in nursing, it will demand a level of responsibility you must adapt to quickly. Your success at MTSA, is in part, self-determined as we guide you on your journey. Every late night and long weekend will be worth the effort as you apply the anesthesia knowledge you've learned in the clinical setting.

I look forward to meeting you again and participating in your journey at MTSA!

Welcome!

Dr. Rusty Gentry

Program Administrator

## MISSION

Middle Tennessee School of Anesthesia exists to provide a Christian, Seventh-day Adventist learning environment that fosters the pursuit of truth, excellence in and access to graduate nurse anesthesia education, and a life of service.

## VISION

Reviewed: 6/22/2022

Reflect Christ in a culture of service, inclusion, and diversity

Deliver an exceptional student experience that attracts premier applicants, promotes individual achievement, and results in a clinically excellent practitioner

Advance CRNA practice in ultrasound and pain management through education, strategic partnerships, and distinguished scholarship

## CORE VALUES

- Christian, Seventh-day Adventist values-driven curriculum and program
- Academic and clinical excellence that fosters a life of service
- Wholistic approach to education, health care, and a balanced lifestyle
- Graduate education that prepares nurses and CRNAs to complete their educational goals and enter the workplace with confidence

## HISTORY & HERITAGE

MTSA's quiet beginning has roots from more than a century ago. In 1904, a group of Seventh-day Adventist pioneers committed to health, wellness, and temperance traveled south from Battle Creek, Michigan to initiate a health care education institution among the poor and founded Nashville Agricultural and Normal Institute. This School developed and transformed through name changes and maturity including an elementary school, high school, junior college, and eventually a full college. Concurrently on the campus, a health work began with Madison Sanitarium which developed into Madison Sanitarium and Hospital, Madison Hospital, and finally nearly a century later, Tennessee Christian Medical Center. The hospital provided a site for clinical training as the college educated scores of health care professionals. Since its beginning, the School regularly provided anesthesia at rural hospitals across the region as a service – which is the basis for the multiple clinical instruction locations today.

These ancestor institutions laid the groundwork for MTSA which began as the Madison Hospital School of Anesthesia for nurses in 1950 as part of Madison College. This rich history began more than 70 years ago when Bernard V. Bowen, CRNA, DSc, founded the School to facilitate nurse anesthesia education within the framework of Seventh-day Adventist beliefs, which included no Saturday classes. MTSA started with just two students in a 12-month program, but soon expanded to 18-months, admitting 16 students annually. On July 1, 1980, the school changed its name from Madison Hospital School of Anesthesia and officially formed as it is known today—the Middle Tennessee School of Anesthesia – the last vestige of Madison College and Madison Hospital that remains to this day.

## CHRISTIAN SEVENTH-DAY ADVENTIST LEGACY

The Christian spirit of dedication and work that led to MTSA's development is very much alive today. The School continues to foster a learning environment encouraging strong moral principles and a close relationship with God. The Institution celebrates the diversity of faiths represented in the student body, faculty, and staff, and respects the differences of persuasion that are present. It operates with a wholistic, balanced approach to life which includes the physical, mental, emotional, moral, and spiritual – while encouraging a relationship with God as the Creator.

As a Christian church, Seventh-day Adventists are a faith community rooted in the beliefs described by the Holy Scriptures (both Old and New Testaments). In harmony with a broad overall mission to reflect Christ in its educational program, and in keeping with its Adventist heritage, the Middle Tennessee School of Anesthesia conducts classes with an exposure to Adventist beliefs.

Many of these beliefs are foundational and common to Protestant Christians from a variety of faith traditions and include -- *The Trinity; the Divinity of Jesus; a literal six-day creation; and, Salvation through faith in Jesus*. Yet, there may be some belief differences, including a 24-hour Sabbath rest from work and school beginning Friday evening sundown and concluding Saturday evening sundown, when no school-sponsored activities, classes, or events take place. You too may notice food choices limited to a diet exempt of certain options as a commitment to health and temperance.

Jesus Christ exemplified a life of service. It is MTSA's desire to follow His pattern and honor the Bible, while exhibiting this through learning, scholarship, and ministry. For more information regarding the SDA church visit [www.adventist.org](http://www.adventist.org).

## MTSA'S UNDERLYING EDUCATIONAL PRINCIPLES

MTSA recognizes the expanded role CRNAs fill as contributing members of the health care team. It is no longer enough that nurse anesthetists be skilled in anesthesia administration. They must also be able to assess their patients' medical status and plan a comprehensive anesthetic management program that encompasses the pre- and post-anesthetic periods, as well as the operative period.

MTSA aims to provide the academic climate and facilities necessary for the student to attain the body of knowledge and technical skills consistent with high standards of practice. In recognition of the important role played by CRNAs in the nation, and specifically in the Southeastern region of the United States, MTSA is historically constituted and strategically located, so as to play a vital part in meeting continuing needs for well-prepared anesthetists, both regionally and nationally.

MTSA believes that true education involves the growth of the spiritual, intellectual, and physical aspects of the student. In keeping with this belief, faculty members seek to provide a balanced program between the academic and clinical phases, so that knowledge and skills may be developed concurrently. The curriculum is integrated with academic and clinical experience occurring simultaneously. The acquisition of both intellectual and technical skills should start with the basic, then progress in logical steps to the more complex and advanced; each step building on the previous one. Throughout the entire educational process, Christian values should be emphasized in the daily lives of both faculty and students, for both their benefit and that of their patients.

MTSA believes that the student's role is one of an active participant in the educational process. This means students may participate in seminars, present case studies, write papers, and maintain independent study.

MTSA believes that the body of knowledge that constitutes the art and science of anesthesia is ever growing and ever changing. In keeping with this belief, MTSA endeavors to foster in both faculty members and students a thirst for knowledge and an intellectual curiosity that will promote lifelong professional growth and a desire for excellence. Graduates will be able to assist in the preparation of the next generation of anesthesia providers.

It is the goal of MTSA that graduates be well qualified to fill first level positions and be capable of working to their full scope of practice with other CRNAs or physician anesthesiologists.

It is the philosophy of MTSA that it be operated as a freestanding, single purpose, anesthesia specific, graduate degree granting institution.

## CAMPUS LOCATION AND ACADEMIC/STUDENT FACILITIES

The MTSA campus has offices and classroom facilities located in Madison, Tennessee. The academic and simulation classes are held on campus. There are three main buildings on campus. Applicants are invited to contact the Admissions Coordinator to make an appointment to visit the School (615-732-7662, [info@mtsa.edu](mailto:info@mtsa.edu)).

**The Bernard V. Bowen Academic Center** teaching facilities include The Center for Simulation, a technological state-of-the-art lecture hall, as well as two seminar rooms for study, small group use, and static simulation classes. The offices of the Program Administrator and the Director, Center for Simulation are located in this building.

The Center for Simulation houses two realistic operating rooms with three computerized human patient simulators (Two Laerdal SimMan 3G and SimBaby) to enhance both academic and clinical education.



There is also a student lounge in this building, equipped with a dining area, refrigerator, microwave, dishwasher, ice machine, and vending machines. Students are responsible for their food, and clean-up of the lounge, and are to notify staff if there is a problem. Drinks taken out of the lounge must have a cap or lid when going into classrooms.

Practice Doctorate students have mailboxes located at the back of the classroom of the Bernard V. Bowen Academic Center during semesters 1-3. At the start of semester 4-9, student's mailboxes are moved to a metal filing cabinet within the student lounge labeled by cohort.

The M.E. "Ikey" Devasher Student Support Center houses the administrative support staff and faculty offices. On the first floor, there are student study rooms, as well as an area designated for a Mother's Room. The Nelda Faye Ackerman Learning Resource Center is also located on this floor. The second floor includes the Heritage Room, a small conference/classroom designed with online learning technology.

The Percy T. (P.T.) Magan Building houses a large collaborative classroom that can be divided into 2 separate rooms or divided into multiple small group areas, each with state-of-the-art technology access. The student Learning Resource Center includes a 3204 square foot open space, with individual and group study areas, whiteboards, access to technology for presentations, as well as an adjacent outside covered patio, which is designed for small group interaction and celebration events. An additional area is available for quiet individual and small group study, along with state-of-the-art video conference technology.

The student Learning Resource Center also includes a kitchenette with a dining area, refrigerator, microwaves, dishwasher, ice machine, and vending machine for student body use. There is additional seating on the back and side patios. Students are responsible for their food and clean-up, and are to notify staff for additional needs. A copy/print center is also available in the student Learning Resource Center, free of charge.

A school fitness center is also available in this building with a 24-hour, secure ID access. There are separate male and female shower facilities, as well as daily lockers for those using the fitness center.

The Office of the President, Executive Vice President, Vice President of Finance and Administration, and Administrative Personnel are housed in this building.

**Facility Access:** During the student's first semester, students are given electronic keycards which enable secure access to all buildings on campus. For security purposes, all doors to campus buildings are locked 24/7 and require keycard access.

**School Hours:** Campus buildings are open Monday - Thursday from 8:00 am to 6:00 pm. Outside of regular operating hours, students may access all buildings using their student ID keycards.

**Wireless Internet Access:** The MTSA Campus buildings and the outdoor covered patio areas are equipped with wireless internet service dedicated exclusively to students' use, to enable an entire class to work online simultaneously. The WIFI password is provided to students during the first semester.

**Parking:** Students must use the adjacent parking lots of TriStar Skyline Madison Campus and the Madison Campus Seventh-day Adventist Church. The parking lot behind the M.E. "Ikey" Devasher Student Support Center and adjacent to the Bernard V. Bowen Academic Center is for staff, faculty, and visitors only. There is one handicap spot available in the staff lot for anyone who has a placard or license plate that needs this service. The P.T. Magan building student parking is noted with signage. This parking lot has two handicap spots available.

## ACCREDITATION

Reviewed: 6/22/2022

## COUNCIL ON ACCREDITATION OF NURSE ANESTHESIA EDUCATIONAL PROGRAMS (COA)

MTSA's Doctor of Nurse Anesthesia Practice (DNAP) degree and the ASPM Fellowship are accredited by the Council on Accreditation of Nurse Anesthesia Educational Programs (COA), which is a specialized accrediting body recognized by both the United States Department of Education and Council for Higher Education Accreditation (CHEA). The next accreditation review by the COA is scheduled for 2027 for the DNAP degree and 2026 for the ASPMF. For questions specifically about the professional specialty accreditation of MTSA, contact the COA at the following address:

10275 W. Higgins Rd., Suite 906

Rosemont, IL 60018-5603

Phone: (224) 275-9130

Website: <https://www.coacrna.org>

## SOUTHERN ASSOCIATION OF COLLEGES AND SCHOOLS COMMISSION ON COLLEGES (SACSCOC)

Middle Tennessee School of Anesthesia (MTSA) is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award the degree of Doctor of Nurse Anesthesia Practice (DNAP). Questions about the accreditation of MTSA may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at the following address or by using information available on SACSCOC's website:

1866 Southern Lane

Decatur, Georgia 30033-4097

(404)679-4500

<https://www.sacscoc.org>

The next reaffirmation review by SACSCOC is scheduled for 2029.

## TENNESSEE BOARD OF NURSING (TBON)

MTSA has approval for the degree of Doctor of Nurse Anesthesia Practice (DNAP) from the Tennessee Board of Nursing (TBN). For questions about the Tennessee Board of Nursing's approval of MTSA, contact the Tennessee Board of Nursing at the following address:

State of Tennessee

Department of Health

Bureau of Health Licensure and Regulation Division of Health Related Boards

227 French Landing, Suite 300

Heritage Place Metro Center

Nashville, TN 37243

[www.Tennessee.gov/health](http://www.Tennessee.gov/health)

1-800-778-4123

## BOARD OF TRUSTEES

The Middle Tennessee School of Anesthesia, Inc. (MTSA), is a non-profit Tennessee corporation qualified as a 501(c) 3 organization in accordance with the Internal Revenue Code of 1986. Middle Tennessee School of Anesthesia is owned

by Middle Tennessee School of Anesthesia, Inc. and is operated by a Board of Trust. Trustees represent the business, educational, financial, healthcare, and legal professions. The membership of the Board of Trustees is comprised of three categories, with approximately one-third community members, one-third Certified Registered Nurse Anesthetists (CRNAs), and one-third physician anesthesiologists. As such, the Board of Trustee members contribute broad and varied interests, abilities, and experience. The Board is charged with policy decisions and ensuring the future advancement of the Middle Tennessee School of Anesthesia. Since the Board typically meets per semester, it delegates interim authority to the Executive Committee of the Board of Trustees. Operational authority is delegated to the President.

**As of January 2021, the members of the Board of Trustees are as follows:**

Vic Martin, CRNA, MBA (Chairman)	Jonathan Grooms, CRNA
Vicki Davies, CPA (Interim Vice-Chairman)	Jeff King, MD
John Butorac, CRNA	Elizabeth Lemons, RN, MBA
Paul Mazzone, MD	Kenneth L. Schwab, EdD
Nicholas Howald, MBA, ACHE	Ken Holroyd, MD

The MTSA President is an ex-officio, non-voting member of the MTSA Board of Trustees.

The Secretary of the Board of Trustees is the Executive Administrative Assistant.

## ADMISSION TO THE COLLEGE

### ADMISSION REQUIREMENTS ACROSS ALL PROGRAMS — 5.4.104

**Policy Number: 5.4.104**

Reviewed: 8/18

*Revised: 1/2017, 1/5/17, 8/6/18, 10/20,11/20, 11/21, BOT Approved 11/21*

MTSA is a single purpose institution with a focus in graduate nurse anesthesia education and currently offers two degrees over two programs; DNAP degree in either completion or entry to practice format.

MTSA enrolls up to 72 accepted applicants into the new class for the DNAP Practice Doctorate (PD) Program, once each year. The Council of Accreditation of Nurse Anesthesia Programs (COA) does not limit MTSA class size for the DNAP completion program. MTSA determines the size of the class each year based on applicant pool and faculty resources.

The specific procedures for application and admission for each program are delineated further in the appropriate student handbook. Any questions regarding these admissions requirements should be forwarded to the Coordinator, Admissions and Recruitment.

General admissions requirements across all programs include but are not limited to:

- Baccalaureate degree from regionally accredited program (Master's or DNAP PD programs) or Master of Science degree from a COA accredited institution (DNAP completion program)
- Undergraduate degrees from regionally accredited programs are verified through the centralized application service (NursingCAS), who reviews all student requested transcripts from the attended colleges.
- Current professional licensures

- Submission of all transcripts
- Professional references
- Personal letter
- GRE scores
- Recommended minimum cumulative GPA 3.0 or recent upper-level academic coursework demonstrating satisfactory proficiency
- TOEFL is required for those with English as a second language

## ADDITIONAL REQUIREMENTS FOR INTERNATIONAL STUDENT APPLICANTS

- **Professional RN/APN/APRN Licensure (as indicated by program)**

Graduates who have not achieved licensure as professional Registered Nurses in the United States will not meet the eligibility requirements for application to MTSA.

- **Foreign School Transcripts**

For graduates of foreign schools, MTSA requires that all transcripts from foreign schools be reviewed by a common external agency. This review is the responsibility of the applicant, and will not be completed by MTSA. This external agency can be contacted via the following methods:

Director of Evaluation  
World Education  
Services, Inc.  
P.O. Box 745  
Old Chelsea Station  
New York, NY 10113-0745  
Telephone Number: 212-966-6311; Fax 212-966-6395; E-mail: [info@wes.org](mailto:info@wes.org)

## PD PROGRAM SPECIFIC ADMISSIONS REQUIREMENTS

### A BACCALAUREATE DEGREE

A minimum of a baccalaureate degree from a regionally accredited program in nursing OR a licensed Registered Nurse with a minimum of a baccalaureate degree in a related field of science is required for interview and admission to MTSA. If the baccalaureate degree is not in nursing, the applicant must have at least 15 semester hours of biophysical sciences beyond the basic nursing degree (associate degree or diploma graduate).

### CURRENT LICENSURE AS A PROFESSIONAL REGISTERED NURSE (RN)

After acceptance but prior to enrollment at MTSA, the student must have either a multi-state Tennessee RN license or hold a Nurse Licensure Compact (NLC) or enhanced Nurse Licensure Compact (eNLC) license. If the student is maintaining a permanent residence address in their NLC/eNLC license state, they can continue to use their NLC/eNLC license in TN. Students who have a TN Only license must have it changed to a multi-state license as soon as possible. If the student applies for a TN Only license before they reside in the state, they can have it changed by the Tennessee Board of Nursing (TBON) when they have a TN address and TN Driver's License. The National Council of State Boards of Nursing (NCSBN) [website](#) lists the current NLC/eNLC states. The TBN address is as follows:

Tennessee Board of Nursing, Health Related Boards

655 Main Stream Drive, 2nd Floor

Nashville, TN 37243

Phone (615) 532-5166 or (800) 778-4123

[tn.health@tn.gov](mailto:tn.health@tn.gov)

## CRITICAL CARE RN EXPERIENCE

1.5 years ICU experience (excluding orientation) is preferred by the application deadline, and must be recent (within the last 3 years) nursing experience as a Registered Nurse in a critical care patient setting within the United States, its territories or a U.S. military hospital outside of the United States. Highest priority is given to applicants who have the most recent work in high acuity, large hospital ICU/CCU settings where a broad base of invasive hemodynamic monitoring experience, management of ventilated patients, and administration of frequently-titrated vasoactive drugs in the care of adult patients are likely. A mix of neonatal/pediatric and adult ICU experience may be accepted; however, as most patients cared for in the anesthesia educational program are adults, adult ICU experience is expected. Emergency Department experience alone does not meet the Council on Accreditation ICU requirements.

## VERIFICATION OF CONTINUED CRITICAL CARE RN EMPLOYMENT

ALL applicants, whether recent RN graduates or RN candidates with additional experience in other areas of nursing, who have had less than one full year of recent critical care experience at the time of the interview, and who are accepted to MTSA will have been accepted ONLY with the contingency that they remain in the critical care area until the month of enrollment at MTSA. To assure MTSA that they have met this continued employment expectation, these candidates are required to have their nursing supervisor validate that they have continued employment in the critical care area up to the month of enrollment (January). The clinical validation of continued critical care must be on hospital letterhead and signed by the nursing supervisor and is subject to verification by MTSA. It is the accepted applicant's responsibility to obtain and submit such verification to the Admissions Coordinator at MTSA (fax to (615)732-7662).

## CCRN CERTIFICATION

CCRN is recommended for first-time applicants and is highly recommended for all applicants.

## CURRENT CERTIFICATIONS

**Prior to application:** Basic Life Support (BLS) and Advanced Cardiac Life Support (ACLS) Provider status certification is required prior to any interview. This BLS/ACLS certifications must stay current throughout the program. Certifications need to be through the American Heart Association.

**Prior to enrollment,** all students must have Pediatric Advanced Life Support (PALS) . If admitted into the program, the ACLS, BLS and PALS must have an expiration date specified by MTSA, to plan for one recertification on campus to maintain certifications throughout the program.

## NATIONAL PROVIDER IDENTIFIER (NPI)

**Prior to enrollment:**

The NPI (National Provider Identifier) Number is a unique 10-digit number that identifies a health care provider. MTSA requires all students obtain their NPI prior to enrollment. This is federal requirement for MTSA to participate in programs such as the Health Resources and Service Administration (HRSA) grant program, which awards funding to improve and expand health care services for underserved populations.



Obtaining an NPI prior to enrollment also allows students to get ahead of occupational requirements that must be completed to become a CRNA. There is no charge associated with obtaining an NPI, and it takes approximately 10-20 days to process applications.

You can apply for your NPI by visiting the National Plan & Provider Enumeration System (NPPES) website:

<https://nppes.cms.hhs.gov/#/>

You can find this and more information about NPI by clicking the link below:

<https://www.cms.gov/Outreach-and-Education/Medicare-Learning-Network-MLN/MLNProducts/downloads/NPI-What-You-Need-To-Know.pdf>

## TRANSCRIPTS

Official transcripts (issued directly from the institution to NursingCAS and not stamped as issued to student) of ALL academic work since high school must be submitted to NursingCAS prior to the application deadline. Please check the website for specific application deadline dates. This includes any non-degree seeking courses taken at any time since high school. If applicant is enrolled in any course between the submission of the application and enrollment, they must have an official transcript for this course submitted to MTSA. Continued acceptance and enrollment are contingent upon MTSA's receipt of this official transcript.

## CHEMISTRY

A minimum of a 3-credit hour college level general chemistry course covering the principles of basic chemistry, biochemistry, and organic chemistry is required. A chemistry course completed as part of a BSN degree curriculum is acceptable to fulfill the chemistry requirement. The admissions committee and the MTSA administration will review a chemistry course not completed as part of a BSN degree curriculum on an individual basis.

## MINIMUM 3.0 CUMULATIVE GPA

Minimum 3.0 cumulative GPA (including a minimum cumulative GPA of 3.0 in science areas.) It is highly recommended that the nursing school (cumulative) grade point average (GPA) be at least 3.0 based on a 4.0 grading system, and the science GPA be at least 3.0. Transcripts must demonstrate that all general education curriculum requirements from the baccalaureate degree are met.

## REFERENCES

Three (3) references are required with your application. These must be from the following individuals: two from current ICU shift leader, team leader, nurse manager, or other nursing supervisor and one from an academic reference. Applicants will enter the name and email address of the reference in the NursingCAS application and forms will automatically be sent to listed references for completion. References are subject to verification.

## PERSONAL LETTER

A brief personal letter from the applicant is to address professional experience, desire to become a nurse anesthetist, and why the applicant chose MTSA. This letter is to be uploaded in the NursingCAS application and is sent to the Admissions Committee for review.

## GRE RESULTS

The Graduate Record Examination (GRE) must be completed and results sent to NursingCAS, prior to any interview. To find the nearest testing center, go [here](https://www.ets.org/gre) (<https://www.ets.org/gre>). MTSA's GRE code is 1410.

**NOTE:** The GRE is waived for applicants who have earned a master's or doctoral degree from a regionally accredited college or university in the United States.

## EARLY INTERVIEW CRITERIA

Candidates must have a Science GPA of 3.5, minimum of two years of ICU experience, GRE of 150, and CCRN certification.

## ADMISSIONS INTERVIEW PROCESS

MTSA will conduct early interviews prior to the general admissions interview session period. Due to the number of applications MTSA typically receives, this annual meeting of the full Admissions Committee for the admissions interview session is projected to span two to three business days. MTSA may conduct early interviews for those applicants who meet a higher level of admission criteria (see Early Interview Criteria). The Admissions Committee meets for its annual interview session during the summer semester. **An applicant's file must be complete prior to the deadline to be considered by the Screening Committee for an interview with the Admissions Committee.**

After the Screening Committee has determined an applicant is competitively qualified to meet with the Admissions Committee, the applicant will then be invited by MTSA to interview with the Admissions Committee during the annual interview session. Each applicant who receives an invitation from the Screening Committee to interview with the Admissions Committee will receive notification from the Admissions Coordinator regarding the scheduled date and time for his personal interview with the Admissions Committee. MTSA is under no obligation to invite every candidate who applies to the School to an interview, as the admission process to MTSA is competitive, and the overall applicant pool varies from year to year.

## THE PERSONAL INTERVIEW

The applicant is expected to dress in professional attire for this interview. The committee is interested in determining the candidate's base knowledge of physiology and associated critical care therapies. Specific emphasis is placed on the cardio-pulmonary systems, as well as one's understanding of the mechanism of action, of drugs the applicant listed on their application. The candidate should be prepared to answer questions related to ventilated patients, and invasive hemodynamic monitoring.

## PERSONAL ATTESTATIONS

In keeping with MTSA's drug-free environment, applicants are required to sign a statement relative to substance abuse prior to interview and enrollment and are expected to refrain from substance abuse as students.

Students are also expected to be good citizens; consequently, ALL applicants are required to complete a form, indicating any charge, arrest, or conviction of a felony or misdemeanor, other than a minor traffic violation, even if they have been told that such a charge, arrest, or conviction has been expunged from their record (since some affiliates perform federal-level background checks, which reveal all charges, arrests, and convictions, even if expunged at another level).

## BACKGROUND CHECK AND RELEASE

Students are expected to be good citizens; consequently, ALL applicants are required to complete and sign a form, indicating any charge, arrest, or conviction of a felony or misdemeanor, other than a minor traffic violation, even if they

have been told that such a charge, arrest, or conviction has been expunged from their record (since some affiliates perform federal-level background checks, which reveal all charges, arrests, and convictions, even if expunged at another level).

## APPLICANTS ACCEPTED INTO ANOTHER NURSE ANESTHESIA PROGRAM

If an applicant has already been accepted for admission at another school of anesthesia, but is still interested in interviewing for admission at MTSA, the applicant should submit documentation of acceptance at another anesthesia school on that school's official letterhead to the MTSA Admissions Coordinator, for inclusion in the applicant's file.

## ACCEPTANCE PROCESS

The Screening Committee will determine which applicants will be accepted and MTSA will call and send acceptance letters to those selected for admission. Each selected applicant will be given a **2 (two) week period** in which to respond and the deadline will be stated in the invitation. If an applicant chooses to accept the offered position in the upcoming class, they **must** submit the **Non-Refundable Deposit** to MTSA with the acceptance response letter by the stated deadline. After the stated deadline, if the **Non-Refundable Deposit** has not been received at MTSA, the applicant will forfeit the offered position in the upcoming class, and MTSA may then offer the vacant position to an alternate applicant.

After accepting a position in the upcoming class, if an accepted applicant changes his mind and decides at a later date to decline acceptance into the program at MTSA for any reason, the **Non-Refundable Deposit** will not be refunded.

Practice Doctorate	
Non-Refundable Deposit	\$4,000

## ACADEMIC CONTINGENCY

MTSA highly encourages and has a strong expectation that applicants who are currently enrolled in a nurse anesthesia program at any school of nursing or in any specific master's or doctorate level course at any school will remain engaged in that program or course and will complete that program or course successfully (minimum grade of B) and in good standing prior to enrollment at MTSA. Applicants currently enrolled in any academic program or course must disclose this to MTSA during the application process.

The applicant should be aware that if they are accepted to MTSA, their acceptance is contingent upon successful completion (minimum grade of B) and continued engagement (attendance, participation, etc.) in the program or course in which he or she is enrolled. Furthermore, upon completion of any program or course in which an applicant has been enrolled, the applicant is required to have an official transcript for any program or course submitted to MTSA's Admissions Coordinator, prior to enrollment at MTSA.

## ADDITIONAL QUALIFICATIONS FOR ADMISSION, PROGRESSION, AND GRADUATION

Although this is not an all-inclusive list, MTSA believes the following qualifications represent some of the reasonable physical and intellectual requirements necessary to perform safely in both the educational program and profession of nurse anesthesia:

## OBSERVATION AND COMMUNICATION

- Ability to communicate clearly and effectively with patients of all ages, family members, and other members on the health care team in written and spoken English.
- Ability to process large amounts of information and activity in the operating room using visual, auditory, tactile, and other sensory cues to monitor and plan patient care.
- Ability to audibly distinguish the changes of pitch and tone of patient monitor devices and alarms.

## MOTOR

- Display fine motor skills, coordinating touch and vision, necessary to complete complex tasks such as cannulation of veins and arteries, performance of regional anesthesia and direct laryngoscopy etc.
- Demonstrate strength and ability to assist safe transfer of the patient.
- Stamina to stand or sit for extended periods of times.
- Respond quickly to changes in patient condition and participate in intervention, including but not limited to cardio-pulmonary resuscitation and emergency transportation.

## COGNITIVE

- Possess foundational knowledge and ability to complete complex mathematical calculations without the use of electronic assistance.
- Skill to read and retain large amounts of information and draw from this information to critically analyze and problem solve.
- Ability to distinguish standard patient responses from non-standard responses and plan interventions accordingly using critical thinking. Also possess judgment to know when to call for assistance from other members of healthcare team.

## BEHAVIOR

- Exhibit professional and appropriate behavior when interacting with patients, all members of the healthcare team, and the general public.
- Maintain professionalism and confidentiality when dealing with patient issues, adhering to HIPAA guidelines.
- Demonstrate flexibility and efficiency while working in a rapidly changing environment. Gracefully accept changes in assignments and scheduling.
- Display good judgment and ethical behavior that is in coordination with common Christian standards including honesty, integrity, sensitivity to culture and the person, and adherence to the professional nursing code of ethics.

## RE-APPLICANTS

All applicants who are re-applying must meet the following requirements:

1. Reapply in NursingCAS (follow instructions for re-application)
2. Submit a minimum of three (3) NEW references from professionals who have observed their clinical performance during the past year. (See Admission Requirements – References above).
3. Submit a transcript (to Nursing CAS) reflecting completion of at least three semester hours in graduate level biophysical science courses (i.e., Organic Chemistry, Advanced Physiologic Concepts of Acute Care, Advanced Pathophysiology, Physics, Biochemistry, Advanced Pharmacology, and Pathophysiology). These courses must be completed within the past year or since last interviewing with the Admissions Committee. Grades less than 'B' are not considered competitive and are not accepted for this course completion requirement by MTSA; grades of 'A' are expected.
4. Continue working in an active critical care area with exposure to invasive hemodynamic monitors and ventilated patients and provide verification of such.

## 5. The Admission Committee may provide provisions to the above requirements

Candidates who have been repeatedly denied admission to MTSA are strongly encouraged to apply elsewhere. If a candidate has been granted any type of admissions interview during more than three (3) separate annual interview cycles, and the candidate has been denied a position as a student or as an alternate each time, the candidate may not be permitted to interview again. If a candidate has applied and been denied to receive any type of interview with the Admissions Committee, for more than three (3) annual interview cycles, additional re-applications will no longer be accepted.

*\* Any requests for alterations to deadlines for any admission criteria must be submitted in writing prior to the application deadline as noted on the school website. These requests must be reviewed for approval by the Nurse Anesthesia Program (NAP) Council.*

## APPLICATION CHECKLIST

An applicant's file must be complete prior to the deadline to be considered by the Screening Committee for an interview with the Admissions Committee. Each application file must contain all of the following items. It is the applicant's responsibility to ensure that all application is received prior to the deadline, including transcripts and reference letters.

- **Doctorate of Nurse Anesthesia Practice: Practice Doctorate Program Application**  
(application form available on MTSA website, [www.mtsa.edu](http://www.mtsa.edu))
- **Application fee of \$70 through NursingCas**
- **Three (3) professional references (all references are subject to verification)**
  - These must be from the following individuals: two from current ICU shift leader, team leader, nurse manager, or other nursing supervisor and one from an academic reference.
  - Please have correct and complete addresses and phone numbers listed on the application form, in the event MTSA needs to contact them for further recommendation or clarification.
  - The applicant will list the references names and contact information in NursingCas and the evaluation form will automatically be sent to the references for them to complete and upload into NursingCas.
- **GRE scores if applicable.** The GRE scores must be sent to NursingCas. MTSA school code: 1410
- **A copy of current BLS/ACLS certification**  
(*PALS is not required prior to interview but is required prior to enrollment.*)
- **A copy of current RN license**
  - A copy of the current RN license for each state in which the applicant currently holds an RN license, including the expiration date for each.
  - A list of all states in which the applicant has ever held an RN license
- **A personal letter to the Admissions Committee**
  - This letter should briefly describe your educational background, nursing experience, reason for desiring the specialty of nurse anesthesia, and reason for desiring admission to MTSA, specifically.
  - This letter should be no more than one page, single-spaced, with 12-point font.
- **Official academic transcripts from EVERY institution of higher learning attended.**
  - This includes transcripts for any and all non-degree seeking academic courses taken since high school.
  - MTSA cannot accept transcripts stamped "Issued to Student." The transcripts must be sent to NursingCas from the institution.
- **TOEFL**

Submit all of the above items through NursingCAS prior to the admission deadline.



# FINANCIAL INFORMATION

## FINANCIAL AID MISSION

The mission of the Office of Financial Aid is to assist students in achieving their educational goals by providing access to financial aid through government and private sponsored programs. The office promotes financial literacy and ensures students have the resources and tools needed to understand financial wellness.

## FINANCIAL AID ENTRANCE ORIENTATION

Enrolled students requesting financial assistance are required to schedule an orientation with the Financial Aid Office. This orientation will occur prior to program begin date. All admitted applicants will be notified by mail of this requirement and to schedule an appointment. For further information contact [finaid@mtsa.edu](mailto:finaid@mtsa.edu).

### Procedures to Apply for Education Loans

- Must file the (appropriate year) Free Application for Federal Student Aid (FAFSA) <https://studentaid.gov/h/apply-for-aid/fafsa>
- Must attend the financial aid orientation with the Financial Aid Office prior to receiving aid
- Complete the required online entrance counseling and promissory notes for the loans

## COST OF ATTENDANCE

## FINANCIAL ASSISTANCE PROGRAMS

MTSA encourages serious and deliberate consideration before making any borrowing decision. Education loans come from the federal government, from private sources and from other organizations. Loans from the federal government are federal student loans. There are differences between the federal, private, and personal loans. Interest rates can be lower for education loans than for personal loans and have deferment provisions whereby personal loans may not.

### DIRECT UNSUBSIDIZED LOAN (TITLE IV)

Eligible students may borrow up to \$20,500 per academic year on a Federal Direct Unsubsidized Loan. Interest begins to accrue on loans from the date of disbursement and continues throughout the life of the loan. Loans have a six-month grace period before repayment begins. The grace period begins the date the student ceases to be enrolled at least half-time. Students may not borrow above the cost of attendance per loan period. These loans are not credit-based.

### DIRECT GRADUATE PLUS LOAN (TITLE IV)

Graduate PLUS loans are credit-based loans made to credit-worthy eligible borrowers or the student must obtain an endorser who does not have an adverse credit history. Students may borrow Graduate PLUS loans after first borrowing the yearly maximum Federal Unsubsidized Loan. Borrowers will complete a PLUS application and master promissory note each new loan period. The interest rate begins to accrue on the loans from the date of disbursement. Loans have a six-month grace period, before repayment begins, when the student ceases to be at half-time status. Borrowing may not exceed the cost of attendance, per loan period.

## PRIVATE LOANS

Private education loans are privately loaned from lenders outside of federal loan borrowing. Students enrolled in at least half-time DNAP Completion coursework are eligible to apply for Private loan funds. Private or alternative loans require a separate application, credit check, multiple disclosures and a self-certification form. This is performed each time you borrow for a new loan period.

*MTSA has no preferred lender list or arrangement and does not endorse any loan product or service. Students may apply directly with any lender that they choose.*

## ALTERNATIVE ASSISTANCE SPONSORSHIP

Outside assistance may come in the form of scholarships, grants, and tuition assistance. If receiving any outside assistance, please notify the Office of Financial Aid ([finaid@mtsa.edu](mailto:finaid@mtsa.edu)) so any offers of assistance can be added to the financial aid package.

## MILITARY BENEFITS

MTSA welcomes active-duty military service members, veterans, military spouses and family members. Students who anticipate using Veterans Education Benefits while in attendance at MTSA must notify the School Certifying Official in the Office of Financial Aid by emailing [finaid@mtsa.edu](mailto:finaid@mtsa.edu). Once accepted to MTSA, students should submit a copy of the Certificate of Eligibility and DD214 (for service member) to begin the process.

## VA EDUCATION BENEFITS POLICY

*(Under the Veterans Benefits and Transition Act of 2018)*

MTSA permits any **covered individual** (that individual who is entitled to educational assistance under chapter 31, Vocational Rehabilitation and Employment, or chapter 33, Post 9/11 GI Bill benefits) to attend or participate in the course of education during the period beginning on the date on which the individual provides to the educational institution a certificate of eligibility for entitlement to educational assistance under chapter 31 or 33 (a "certificate of eligibility" can also include a "Statement of Benefits" obtained from the Department of Veterans Affairs' (VA) website-eBenefits, or a VAF 28-1905 form for chapter 31 authorization purposes) and ending on the earlier of the following dates:

1. The date on which payment from VA is made to the institution, or
2. 90 days after the date the institution certified tuition and fees following the receipt of the certificate of eligibility.

MTSA will not impose any penalty, including the assessment of late fees, the denial of access to classes, libraries, or other institutional facilities, or the requirement that a covered individual borrow additional funds, on any covered individual because of the individual's inability to meet his or her financial obligations to the institution due to the delayed disbursement funding from VA under chapter 31 or 33.

### Covered individuals:

1. must accurately and completely fill out the VA application and submit to the VA Regional Processing Office, also mailing them copies of buy-ups or kickers contracts, DD214, NOBE forms, signature pages and other important documents for your education claim, before classes begin at MTSA.
2. must submit a Certificate of Enrollment and the DD214 (service members) to the MTSA Financial Aid Office in order to process benefits.

## FEDERAL LOAN ENTRANCE/EXIT COUNSELING

The Department of Education provides mandatory online entrance and exit counseling to understand the terms and conditions of the loans and the rights and responsibilities when entering repayment. All students who have obtained federal loans during their studies at MTSA will complete exit counseling as a part of the graduation requirements. MTSA will be notified of the completion of each process.

## DISBURSEMENT INFORMATION

Direct charges (tuition and fees) will be deducted from the financial aid first. MTSA will make a deposit of any credit balance into the student's bank account through an electronic transfer of funds. Student accounts are maintained by the Business Office and students may view their account information on their CAMS student portal.

## ELECTRONIC FUNDS TRANSFER

MTSA utilizes an electronic funds transfer (EFT) system to disburse credit balances/refunds of financial aid into student's personal banking accounts. Any amount of assistance a student received above direct charges is a credit balance owed to them and will be issued via EFT. Credit balances are posted to student accounts within 14 days of the disbursement date. Students will complete an EFT Authorization giving permission to wire funds to their personal account.

## CANCELLATION PROCEDURE

Students have a right to cancel all or part of their federal loan disbursement(s) awarded. The loans may be cancelled, with the Financial Aid Office, any time before the loan disbursement dates. Once MTSA is in receipt of the loan funds, students have a right to cancel all or part of the loans within 14 days after the disbursement date for the loan period. In order to cancel any or all of your loans, the student must confirm in writing the award(s) and amount(s) and send the request to [finaid@mtsa.edu](mailto:finaid@mtsa.edu). Students are responsible for any unpaid balance on their student account. Borrowers will be advised of the status of their request for cancellation.

## WITHDRAWALS AND RETURN OF TITLE IV AID

If a student ceases attendance from all his or her courses within a period of enrollment, the student will be considered a withdrawal for Title IV purposes. Students who elect to withdraw from courses must follow MTSA's official withdrawal process. If a student withdraws from the program, they may be required to return federal Title IV aid. The R2T4 calculation for the return of awarded funds may result in the student owing a balance to MTSA and/or their loan servicer if the amount to be returned exceeds the school's portion. MTSA will notify the student if a repayment is owed via written notice. If the R2T4 calculation results in a credit balance on the student's account, MTSA will refund the student no later than 14 days after completing the R2T4 calculation.

The amount of federal aid a student earns, in their 17-week payment period, is determined on a pro rata basis (for example: if you complete 30% of your payment period or period of enrollment, you earn 30% of the assistance you were originally scheduled to receive). Students who withdraw prior to completing 60% of the payment period will have a Return of Title IV fund calculation performed to determine the amount of unearned funds, that will be returned to the appropriate Title IV program. After the 60% point, the student is deemed to have earned 100% of the Title IV funds. Federal funds will be returned based on the percentage of period completed.

The effective withdrawal date is used to determine the point in time that the student withdrew or ceased to attend so that the percentage of the enrollment/payment period completed can be determined. MTSA has 45 days from the date that it determines a student withdrew to return all unearned funds for which it is responsible.

The withdrawal date for the R2T4 calculation of return of the Title IV funds and outside sources of aid is determined by the Program Administrator and is based on the following:

- The date the student officially notifies MTSA of his/her intent to withdraw or is dismissed from enrollment in the program or
- The date determined by MTSA as the administrative withdrawal date, if the student left unofficially, based on a determination of the last academically related activity. If a date of last academically related activity cannot be determined, as a non-attendance taking institution, MTSA would use the mid-point as the last day of attendance.

In rare cases, a student may be eligible to receive a late disbursement of Title IV funds (post-withdrawal disbursement) that were not disbursed before a student withdrew but which the student has earned based on a Return of Title IV Funds calculation. This must be offered within 30 days of the student's withdrawal date. In such cases, the Financial Aid Office will notify the student of the "post-withdrawal" disbursement via an award notification. The school will advise the student that they have 14 calendar days from the date of the award notification to accept a post withdrawal disbursement.

Federal regulations stipulate how the return of Title IV Funds is calculated for students who have received federal assistance. If the student did not attend 60% of the payment period, the aid must be return to the appropriate program in the following order:

- Unsubsidized Federal Direct Loan
- Federal Grad PLUS Loan

## REPAYMENT OF LOANS

It is expected that students accepted into MTSA are good citizens and individuals of high integrity, who fully expect to repay all student loans. Students generally have 10 years to repay their loans. Interest is accruing on the loans while the student is in school, and payments may be made towards the interest prior to completion of the coursework to lower loan balances. The loan servicer will notify student when the first payment is due, usually following a six months grace period upon completion of the coursework. To learn about loan repayment options, students should contact their lender.

## SATISFACTORY ACADEMIC PROGRESS POLICY FOR FEDERAL AID — 5.1.302

**Policy Number: 5.1.302**

Reviewed: 2018, 5/11/2021

*Revised: 5/11/2021 (Policy approved by NAPC in 2018 and revised in May 2021, but not assigned a policy number), 10/21, BOT Approved 11/21*

Federal financial aid regulations require that recipients of federal aid maintain satisfactory academic progress (SAP) toward the completion of their degree. All students' academic standing is evaluated by the MTSA Progressions Committee. SAP standards are separate from academic policies and are defined by the Financial Aid Office to remain eligible for federal Title IV aid. Those students receiving Title IV aid, whether full time or half-time and regardless of

their enrollment status or program, will have their SAP evaluated at the end of each academic year consistent with the below standards. Students not meeting the required progression will be placed on Financial Aid Suspension. This policy applies only to the eligibility for students to receive federal Title IV aid.

MTSA Progressions Committee evaluates students' academic progress after each semester, decisions are made, and notices are sent to the Financial Aid Office for the following reasons:

1. Activation of academic student probation,
2. Removal from academic probation,
3. Decision to suspend or terminate student,

## SATISFACTORY ACADEMIC PROGRESS (SAP)

At the official annual evaluation period, students receiving federal Title IV assistance must meet all three components of the SAP policy listed below:

- **Qualitative Requirement** - Maintain a cumulative grade point average (GPA) of 3.0, published for the DNAP program.
- **Quantitative Requirement or Pace** - Pace is calculated by dividing the total cumulative earned hours by the total cumulative attempted hours, including any repeated hours. Students must complete two-thirds or 67% of the total attempted hours for the academic year. Withdrawals, grades below a B, and incomplete grades are included in attempted hours.
- **Maximum Completion Timeframe** - Maximum timeframe is defined by the length of each academic program. Programs at MTSA have scheduled academic coursework which must be successfully completed. Any accepted transfer hours for the DNAP Completion program will be included in the maximum time frame evaluation. Students cannot receive federal aid after attempting the hours required for the completion of their academic program.

## REPEATED COURSEWORK

Each time a course is taken counts as an attempt. Only when a passing grade is received is it counted as a completion. Students may only receive federal aid funding for one repetition of a previously passed course. Any retaken class(es) may count against a student's satisfactory academic progress.

## FINANCIAL AID SUSPENSION

Any student not meeting the required number of credit hours or falling below the cumulative grade point average at the end of their academic year will be placed on Financial Aid Suspension. All future federal aid will be cancelled. The student will be notified by the Financial Aid Office of their suspension status. The student will remain on this status until they come into compliance with the SAP policy or until they have appealed with a favorable decision.

## FINANCIAL AID APPEAL

Students on Financial Aid Suspension may appeal one time for reinstatement of federal Title IV aid with the Financial Aid Office. The appeal for reinstatement should include the following elements:

- An explanation of extenuating circumstances, such as injury, illness, death of a relative or other special circumstance as to why you failed to meet satisfactory academic progress requirements,
- An explanation of what has changed that will now allow you to demonstrate satisfactory academic progress at the end of the subsequent semester,



- Include supporting documentation from medical doctors, advisor, Program Administrator, psychologist, etc., to verify the information you are including in your personal statement. Failure to provide information may result in your appeal being denied.

If the student does not meet the terms of the Financial Aid Committee decision, then the student will remain on Financial Aid Suspension and will not be eligible for federal Title IV aid

## FINANCIAL AID PROBATION

If the student's appeal is granted, the student will be placed on Financial Aid Probation and be eligible for federal aid during their probationary period (one payment period). The student must meet SAP at the end of the probationary period to continue to be eligible for federal Title IV aid. If it is determined, based on the appeal, that the student will require more than one payment period to meet progress standards, then the student will be placed on an academic plan, developed with the Program Administrator. If the student meets the requirements of the plan, the student is eligible to receive Title IV aid.

Admission to MTSA or maintaining good academic standing, as defined by the academic program, does not necessarily constitute maintaining satisfactory academic progress for federal aid purposes.

## REINSTATEMENT OF AID

Students whose federal Title IV aid is suspended may have aid eligibility reinstated once SAP standards are met. It is the responsibility of the student to notify the Financial Aid Office for a reevaluation of the SAP for federal Title IV eligibility.

## NOTIFICATION

Students will be notified in writing of results of any evaluation that affects their eligibility for federal funding.

## PD PROGRAM INFORMATION

[Course Catalog](#)

## CHANGES TO PROGRAM

In keeping with its philosophy of offering a program of the highest quality, MTSA continually evaluates its educational program via its institutional effectiveness process and reserves the right to make changes in the policies, curriculum, or practicum at any time including any fees or costs related to these changes. Such changes are expected to be minimal. Students will receive notification of these changes and are expected to abide by them.

## COURSE SEQUENCE DNAP-PD CLASS OF 2024

### SEMESTER 1

Item #	Title	Hours
DAPP 800	Anatomy, Physiology & Pathophysiology	3.00
DMAT 800	Math for Nurse Anesthetists	1.00
DAPH 800	Pharmacology for the Advanced Practice Nurse: Nurse Anesthetists	2.00
DEDU 830	Introduction to the Nurse Anesthesia Profession	2.00
DAHA 800	Advanced Health Assessment	3.00
DBAP 800	Basic Principles of Anesthesia I	3.00
DACS 800	Simulation I	1.00

### SEMESTER 2

Item #	Title	Hours
DAPP 810	Advanced Anatomy, Physiology & Pathophysiology I	3.00
DREL 800	Religion and a Christian Worldview I	1.00
DPCE 800	Physics, Chemistry, and Biochemistry for Nurse Anesthesia	2.00
DAPH 810	Advanced Pharmacology Principles I	2.00
DBAP 805	Basic Principles of Anesthesia II	3.00
DMEA 800	Machine & Equipment of Anesthesia	3.00
DACS 810	Simulation II	1.00

### SEMESTER 3

Item #	Title	Hours
DAPP 820	Advanced Anatomy, Physiology & Pathophysiology II	3.00
DEBP 810	Evidence-Based Practice I	2.00
DAPH 820	Advanced Pharmacology Principles II	2.00
DREL 810	Religion and a Christian Worldview II	1.00
DBAP 810	Advanced Principles in Nurse Anesthesia III	3.00
DBAP 840	Advanced Physiology & Pathophysiology: Pediatric Anesthesia	2.00
DACP 800	Clinical Practicum I	4.00
DACS 820	Simulation III & Case Conference	1.00

### SEMESTER 4

Item #	Title	Hours
DBAP 820	Advanced Physiology & Pathophysiology: Regional Anesthesia	3.00
DBAP 850	Advanced Physiology & Pathophysiology: Cardiac and Respiratory Anesthesia	2.00
DEBP 820	Evidence-Based Practice II	2.00
DAPH 830	Advanced Pharmacology Principles III	2.00
DACP 810	Clinical Practicum II	4.00
DACS 830	Simulation IV	3.00

## SEMESTER 5

Item #	Title	Hours
DBAP 830	Advanced Physiology & Pathophysiology: Obstetrics Anesthesia	2.00
DEDU 840	Healthcare Policy, Business, and Legal Issues	3.00
DEBP 830	Evidence-Based Practice III	2.00
DEDU 820	Ethics, Leadership and Multicultural Healthcare in Nurse Anesthesia	3.00
DAPP 830	Advanced Topics in Pathophysiology	2.00
DEDU 850	Quality Improvement for Safety and Wellness in Patient Populations	3.00
DACP 820	Clinical Practicum III	4.00
DACS 840	Simulation V	1.00

## SEMESTER 6

Item #	Title	Hours
DEDU 860	Concepts in Clinical: Application & Practice I	3.00
DACP 830	Clinical Practicum IV	10.00

## SEMESTER 7

Item #	Title	Hours
DEDU 870	Concepts in Clinical: Application & Practice II	3.00
DACP 840	Clinical Practicum V	10.00

## SEMESTER 8

Item #	Title	Hours
DEDU 880	Concepts in Clinical: Application & Practice III	3.00
DACP 850	Clinical Practicum VI	10.00

## SEMESTER 9

Item #	Title	Hours
DEDU 890	Concepts in Clinical: Application & Practice IV	6.00
DACP 860	Clinical Practicum VII	7.00
Total credits:		136

## PRACTICE DOCTORATE PROGRAM

### LENGTH OF PROGRAM

The program is 36 months of full-time enrollment. MTSA defines full-time status as enrollment for 9 or more credit hours in a semester. One credit hour is equivalent to 15 classroom/lab hours. Of these 36 months, 18 days are allotted for selected legal holidays, 9 for emergency days, and scheduled vacation weeks each school year based on the student's progression through the calendar in relation to their rotation schedule.

Graduation exercises occur only once in the program. Students completing all aspects of the academic and clinical program are required to march in a graduation ceremony concurring with their completion of the program. Students who have not achieved the benchmark score on the SEE exam will be allowed to participate in the graduation ceremony but will not receive a diploma until the set benchmark score is achieved.

## RN TO NURSE ANESTHETIST TRANSITION

While all students accepted at MTSA have had acute care nursing experience, this experience has been obtained in various hospital settings. Traditionally in these settings, hospitals schedule nurses on shifts with each nurse reporting to the oncoming nurses at the end of their shift, and then being able to leave at a predictable time. Because surgery schedules vary in number and length of cases on a daily basis, most anesthesia scheduling is not handled as in other nursing environments. Typically, a CRNA, much like an anesthesiologist (MDA), accepts a job, not a shift. It is expected that the anesthetist (CRNA or MDA) will work until the job is done, or until the surgery schedule is such that the "late" or "call" team can cover the cases.

As an anesthetist, if cases finish by 10:00am, unless you are designated as the "late" or "call" person, your duty for the day may be completed. Opportunities may arise for learning experiences that are not associated with a surgical case. By leaving early, the student may miss out on such experiences. However, if more cases last later in the night than the "late" or "call" person(s) can handle, other anesthesia providers are expected to stay until the work is done. Additionally, you may be required to stay over after your call shift. Employers are cognizant of the actual number of anesthesia providers needed to complete the tasks in a reasonable number of hours.

When students are at selected affiliates, they will be engaging with physician anesthesia residents who have never had the scheduling of hours nurses have. Their expected hours will still be longer than MTSA students. Students should be aware of the residents' longer hours and be patient with them as they learn to understand student nurse anesthetists' hours. At some affiliates, student nurse anesthetists from MTSA may work with student nurse anesthetists from other nurse anesthesia programs. Other nurse anesthesia programs may have different expectations of clinical hours for their students; however, MTSA students are expected to abide by MTSA's clinical pattern as described below under Academic and Clinical Summary.

Currently, the COA requirement is that the hours be "reasonable." COA published the following definition in 2015, revised 2021 to help clarify what constitutes a reasonable number of hours: A reasonable number of hours to promote effective student learning should not exceed 64 hours per week. This time commitment includes the sum of hours spent in class and all clinical hours averaged over four weeks. Students must have a ten-hour rest period between scheduled clinical duty periods (i.e. assigned continuous clinical hours) At no time may a student provide direct patient care for a period longer than 16 continuous hours.

As it is MTSA's aim to prepare students both in academic and clinical knowledge and experience to become a CRNA, MTSA also chooses to orient the student to the time commitment and expectations of the CRNA. These time commitments will be different from typical nursing hours. Historically, clinical medical education has been offered in exchange for service. This is true with students at MTSA as they matriculate through the program. The COA supervision requirements allow 2 SRNAs to 1 CRNA or 2 SRNAs to 1 anesthesiologist. Students should realize that while they are not specifically used as staff, their services extend the abilities of the professional anesthesia staff to offer anesthesia services in many facilities.

## OUTCOME CRITERIA FOR STUDENT UPON GRADUATION

### OUTCOME CRITERIA FOR STUDENT UPON GRADUATION

*(Doctorate Student Learning Outcomes/DSLOs)*

As per the COA Standards of Accreditation Practice Doctorate (last revised January 2021), graduates from MTSA's Doctorate of Nurse Anesthesia Practice (DNAP) program will acquire knowledge, skills, and competencies in patient safety, perianesthetic management, critical thinking, communication, leadership, and professionalism. Measurement of these DSLOs occur throughout the program in the course/clinical experience in which they reside.

## PATIENT SAFETY

The graduate must demonstrate the ability to:

1. Be vigilant in the delivery of patient care.
2. Refrain from engaging in extraneous activities that abandon or minimize vigilance while providing direct patient care (e.g., texting, reading, emailing, etc.).
3. Conduct a comprehensive equipment check.
4. Protect patients from iatrogenic complications.

## PERIANESTHESIA

The graduate must demonstrate the ability to:

5. Provide individual care throughout the perianesthetic continuum.
6. Deliver culturally competent perianesthetic care.
7. Provide anesthesia services to all patients across the lifespan
8. Perform a comprehensive history and physical assessment.
9. Administer general anesthesia to patients with a variety of physical conditions
10. Administer general anesthesia for a variety of surgical and medically related procedures.
11. Administer and manage a variety of regional anesthetics.
12. Maintain current certification in ACLS and PALS.

## CRITICAL THINKING

The graduate must demonstrate the ability to:

13. Apply knowledge to practice in decision making and problem solving.
14. Provide nurse anesthesia services based on evidence-based principles.
15. Perform a preanesthetic assessment before providing anesthesia services.
16. Assume responsibility and accountability for diagnosis.
17. Formulate an anesthesia plan of care before providing anesthesia services.
18. Identify and take appropriate action when confronted with anesthetic equipment-related malfunctions.
19. Interpret and utilize data obtained from noninvasive and invasive monitoring modalities.
20. Calculate, initiate, and manage fluid and blood component therapy.
21. Recognize, evaluate, and manage the physiological responses coincident to the provision of anesthesia services.
22. Recognize and appropriately manage complications that occur during the provision of anesthesia services.
23. Use science-based theories and concepts to analyze new practice approaches.
24. Pass the national certification examination (NCE) administered by NBCRNA.

## COMMUNICATION

The graduate must demonstrate the ability to:

25. Utilize interpersonal and communication skills that result in the effective exchange of information and collaboration with patients and their families.
26. Utilize interpersonal and communication skills that result in the effective interprofessional exchange of information and collaboration with other health care professions.
27. Respect the dignity and privacy of patients while maintaining confidentiality in the delivery of interprofessional care.
28. Maintain comprehensive, timely, accurate, and legible healthcare records.

29. Transfer the responsibility for care of the patient to other qualified providers in a manner that assures continuity of care and patient safety.
30. Teach others.

## LEADERSHIP

The graduate must demonstrate the ability to:

31. Integrate critical and reflective thinking in his or her leadership approach.
32. Provide leadership that facilitates intraprofessional and interprofessional collaboration.

## PROFESSIONAL ROLE

The graduate must demonstrate the ability to:

33. Adhere to the Code of Ethics for the Certified Registered Nurse Anesthetist.
34. Interact on a professional level with integrity.
35. Apply ethically sound decision-making processes.
36. Function within legal and regulatory requirements.
37. Accept responsibility and accountability for his or her own practice.
38. Provide anesthesia services to patients in a cost-effective manner.
39. Demonstrate knowledge of wellness and substance use disorder in the anesthesia profession through completion of content in wellness and substance use disorder.
40. Inform the public of the role and practice of the CRNA.
41. Evaluate how public policy making strategies impact the financing and delivery of healthcare.
42. Advocate for health policy change to improve patient care.
43. Advocate for health policy change to advance the specialty of nurse anesthesia.
44. Analyze strategies to improve patient outcomes and quality of care.
45. Analyze health outcomes in a variety of populations.
46. Analyze health outcomes in a variety of clinical settings.
47. Analyze health outcomes in a variety of systems.
48. Disseminate research evidence.
49. Use information systems/technology to support and improve patient care.
50. Use information systems/technology to support and improve healthcare systems.
51. Analyze business practices encountered in nurse anesthesia delivery settings.

## GRADUATION REQUIREMENTS

Each student must successfully accomplish each of the following goals to be eligible to become a Doctor of Nurse Anesthesia Practice (DNAP) graduate of MTSA:

- Satisfactory completion of all academic courses, including all DSLOs;
- Completion of a SEE Exam with a benchmark score to be set each year;
- Satisfactory completion of all categories of clinical procedures required by the Council on Accreditation of Nurse Anesthesia Educational Programs (COA) and NBCRNA;
- Satisfactory completion of practicum at assigned affiliates (as determined by the Program Administrator and the Progressions Committee and to include anesthesia service at sites in medically underserved areas) and senior electives, including the MTSA-required care plans, and clinical case records;
- Completion of the 36-month program, with absences in excess of scheduled vacation days, eighteen holidays, and nine emergency days being made up prior to graduation;

- Completion of any and all financial obligations to MTSA;
- Completion of the online Loan Exit Counseling for students who have borrowed federal loans while attending MTSA;
- Participation in the graduation exercise, unless specific prior permission for graduation in absentia is granted in writing from the Program Administrator, with approval by the NAP Council. Exceptions generally will not be made unless the circumstances preventing attendance are beyond the control of the student.

## CREDENTIAL AWARDED

Upon satisfactory completion of the program of study at Middle Tennessee School of Anesthesia, the student is awarded a diploma with the degree Doctorate of Nurse Anesthesia Practice (DNAP). The graduate is then eligible to apply to take the National Certification Examination administered by the NBCRNA. Upon successful completion of this examination, the graduate will bear the title of Certified Registered Nurse Anesthetist (CRNA).

## APN LICENSE IN TENNESSEE

Due to the institution of the Advance Practice Nurse License in Tennessee in 2005, some sites do not allow new Nurse Anesthetists to practice until they have completed the National Certification Examination and obtained their APN license. This regulation varies by hospital and anesthesia group and is beyond the control of MTSA. Furthermore, different states have varying regulations regarding APN or APRN licensure. It is advisable to inquire about such details when interviewing for job placement.

## ACADEMIC STANDARDS

See [Student Grading Policy](#)

Advancement of each student to the next higher level of anesthesia training and responsibility is made at semesterly intervals by recommendations from the Program Administrator to the Progressions Committee. In order to receive an unencumbered recommendation for academic progression, the student must meet the following conditions:

- MTSA expects that all graduate level coursework should result in a minimum earned grade of "B" (See: Grading Policy). The first earned grade between 70-79% (C) will require a scheduled meeting with the Program Administrator to discuss the student's performance. The first grade of "C" will also lead to automatic academic probation and an appearance before the Progressions Committee. The second earned "C" in a course will result in dismissal from the program. Academic course grades during the PD1 will carry over to the subsequent years for purposes of determining penalties based on course grades and progression.
- MTSA requires students to maintain a minimum overall academic cumulative GPA of 3.0 for both graduation and good academic standing. A student who falls below an academic cumulative GPA of 3.0 will be placed on academic probation. The student will have one (1) semester to improve the academic cumulative GPA to 3.0 or greater to be removed from probation. If the student fails to improve his or her GPA to 3.0 or greater during the following semester, they will be dismissed from the program.
- Students will automatically be dismissed from the program for receiving a final failing course grade in any course. Failing is defined as any grade below 70%.
- Students who are placed on any type of probation greater than two (2) time periods will be dismissed from the program. (If there is an active vote to continue student on probation from one period to a second period, that action will count as another probation occurrence).
- Students have the right to appeal decisions of the Progressions Committee by following the [MTSA appeal process](#).



- Each student is carefully evaluated for academic achievement and clinical performance on a regular and continuing basis. Academic grades are published each semester. Clinical practicum evaluations are received from each affiliation, reflected on the official transcripts as letter grades, and used in tabulating the final grade point average. During the program, the student will receive both an academic transcript and a clinical transcript. The clinical transcript will be delayed approximately two months behind the semester's end. Both are merged at the end of the program to give a cumulative academic/clinical grade point average. Students shall be advised semesterly by a CRNA faculty member concerning their academic and clinical progress each semester.
- Every effort is made to adhere to class and clinical schedules. Class hours, course sequencing, clinical seminars, and clinical practicum hours have been estimated carefully, but are dependent on day-to-day situations at each affiliation, and should, therefore, be recognized as estimates that are subject to alteration to meet daily situations. Many classes are taught by instructors who hold CRNA/MD positions in other facilities. When obligations in these facilities, such as "call," prohibit the instructor from meeting class on a particular day, the class will be rescheduled. This rescheduling will be done as far in advance as possible. All subject matter may change to benefit the student and/or MTSA. Students scheduled for class and not for clinical will be expected to adjust to changes in academic scheduling.

## ACADEMIC & CLINICAL SUMMARY

The **first semester** courses begin in January and continue through the month of April. Most classes are held on the campus of MTSA and attendance is mandatory (see [Attendance Policy](#)). Course work and time in the Simulation Lab are typically scheduled Monday-Thursday of each week. This semester includes intense training and preparation to enter the clinical rotations in the third semester.

**Semester Two** begins in May and continues through the end of August. Course work and time in the Simulation Lab is scheduled typically Monday-Thursday of each week. This semester continues intense training and preparation to enter the clinical rotations in the third semester. After the successful completion of classwork and Simulation check-offs, the students are honored in the White Coat Ceremony to mark their progression into the clinical setting.

**Semester Three** begins in September. At this time the class is divided into groups A and B. This division is utilized for clinical assignments. For **semesters three through five** clinical assignments are on Monday, Thursday and Friday. Classes will be held on Tuesday and Wednesday. Simulation can occur on days not assigned for clinical. . **Nashville General Hospital at Meharry** is the only location where the student has a call assignment during semesters 3-5. Vacation breaks are scheduled at the end of each semester. Each group (A and B) will be assigned to one full week of vacation (M-F and one weekend) and then one full week of clinical. While group A is on vacation, group B will have a daily clinical assignment. The other week while group B is on vacation, group A will have daily clinical assignments.

During **semesters six through nine**, students attend clinical as assigned for their specific clinical site or rotation. These clinical rotations may vary in length from one month to three months at a site. MTSA follows the COA guidelines of not exceeding 64 hours per week of clinical hours and classroom hours (averaged over a four-week period). Academic work during these semesters will include Concepts in Clinical Application and Practice to prepare the students for the NCE Board exam.

Vacation weeks are scheduled through the Clinical Support Coordinator through a lottery process.

# ACADEMIC CALENDAR

## PRACTICE DOCTORATE CALENDAR CLASS OF 2024

January 3, 2022	Semester 1 Begins
January 3 – 6, 2022	Semester 1 Intensive Week
April 11 – 14, 2022	Semester 1 Finals Week
April 18 – May 1, 2022	<i>Spring Break</i>
May 2, 2022	Semester 2 Begins
May 2, 2022	MTSA Family Day
May 30, 2022	<i>Memorial Day – No Classes</i>
August 8 – 11, 2022	Semester 2 Finals Week
August 11, 2022	White Coat Ceremony
August 15 – 28, 2022	<i>Fall Break</i>
August 29, 2022	Semester 3 Begins
September 5, 2022	<i>Labor Day – No Classes</i>
October TBA	TANA Annual Meeting
November 24, 2022	<i>Thanksgiving – No Classes</i>
December 5 – 8, 2022	Semester 3 Finals Week
December 12 – January 8, 2023	<i>Winter Break (Dependent on clinical schedule)</i>
January 9, 2023	Semester 4 Begins
April 17-20, 2023	Semester 4 Finals Week
April 24-May 7, 2023	<i>Spring Break (Dependent on clinical schedule)</i>
May 8, 2023	Semester 5 Begins
May 29, 2023	<i>Memorial Day – No Classes</i>
August 14-17, 2023	Semester 5 Finals Week
August 21-Sept 4, 2023	<i>Fall Break (Dependent on clinical schedule)</i>
September 5, 2023	Semester 6 Begins
January 8, 2024	Semester 7 Begins
March/April date TBA	Senior Board Review Workshop
May 6, 2024	Semester 8 Begins
September 3, 2024	Semester 9 Begins
September 3-September 8, 2024	Sr. Elective Break
September 9, 2024	Sr. Elective
December 12, 2024	Graduation Day

*\*Clinical breaks begin semester 3 through semester 9 and do not necessarily follow academic breaks. See the Coordinator of Clinical Support for clinical break schedule beginning semester 3.*

# INSTITUTIONAL STATISTICS

## ATTRITION & NATIONAL CERTIFICATION EXAM (NCE) PASS RATES DOCTORATE OF NURSE ANESTHESIA (DNAP) PRACTICE DOCTORATE PROGRAM

CLASS OF 2021	NUMBER OF STUDENTS	MTSA BENCHMARK
Enrolled (January 2019)	71	72
Attrition rate	5.63%	N/A
Graduated	67	94%
Employed within 6 months of Graduation	67 (100%)	100%
<b>Passed NCE 1st Time</b>	<b>58 out of 67 (86.57%)</b>	<b>=/&gt;National Mean</b>
Passed NCE 2nd attempt within 60 days	7 (10.45% - 97.01%)	
Passed a subsequent NCE	2 (2.99% - 100%)	100%
National Average	84.1%	N/A
CLASS OF 2020	NUMBER OF STUDENTS	MTSA BENCHMARK
Enrolled (January 2018)	66	72
Attrition rate	3.03%	N/A
Graduated	64	94%
Employed within 6 months of Graduation	64 (100%)	100%
<b>Passed NCE 1st Time</b>	<b>50 out of 64 (78.13%)</b>	<b>=/&gt;National Mean</b>
Passed NCE 2nd attempt within 60 days	11 (17.19% 95.31%)	
Passed a subsequent NCE	3 (4.69% 100%)	100%
National Average	85.2%	N/A

## MASTER OF SCIENCE (MS) WITH A FOCUS IN NURSE ANESTHESIA PROGRAM\*\* (\*Final Master's Class Graduated in November 2019)

CLASS OF 2019	NUMBER OF STUDENTS	MSTA BENCHMARK
Enrolled (July 2017)	71	71
Attrition rate	2.81%	N/A
Graduated	69	94%
Employed within 6 months of Graduation	69 (100%)	100%
<b>Passed NCE 1st Time</b>	<b>54 (78.26%)</b>	<b>National Mean</b>
Passed NCE 2 <sup>nd</sup> attempt within 60 days	10 (14.49% -> 92.75%)	
Passed a subsequent NCE	5 (7.25% -> 100%)	100%
National Average	84.8%	N/A

CLASS OF 2019	NUMBER OF STUDENTS	MSTA BENCHMARK
CLASS OF 2018	NUMBER OF STUDENTS	MSTA BENCHMARK
Enrolled (July 2016)	72	72
Attrition rate	2.78%	N/A
Graduated	70	94%
Employed within 6 months of Graduation	70 (100%)	100%
<b>Passed NCE 1st Time</b>	<b>60 (85.71%)</b>	National Mean
Passed a subsequent NCE	10 (14.29% -> 100%)	100%
National Average	84.30%	N/A
CLASS OF 2017	NUMBER OF STUDENTS	MSTA BENCHMARK
Enrolled (July 2015)	72	72
Attrition rate	4.16%	N/A
Graduated	69	94%
Employed within 6 months of Graduation	67 (97.1%)	100%
<b>Passed NCE 1st Time</b>	<b>54 (78.26%)</b>	=/>National Mean
Passed a subsequent NCE	15 (21.74% -> 100%)	100%
National Average	82.6%	N/A
CLASS OF 2016	NUMBER OF STUDENTS	
Enrolled (July 2014)	72	
Attrition rate	1.38%	
Graduated (November 2016)	71	
Employed within 6 months of Graduation	69 (97.2%)	
<b>Passed NCE 1st Time</b>	<b>43 (60.5%)</b>	
Passed a subsequent NCE	28 (39.4% -> 100%)	
National Average	84.5%	
CLASS OF 2015	NUMBER OF STUDENTS	
Enrolled (July 2013)	64	
Attrition rate	4.68%	
Graduated (November 2015)	61	
Employed within 6 months of Graduation	58 (95.1%)	
<b>Passed NCE 1st Time</b>	<b>47 (77.0%)</b>	
Passed a subsequent NCE	13 (21.3% -> 98.3%)	
National Average	85.0%	

## SELF EVALUATION EXAMINATION (SEE)

### SELF EVALUATION EXAMINATION (SEE)

All students will be required to take the Self Evaluation Examination (SEE) a minimum of twice prior to graduation. Students will take the first SEE during the 8th semester. Students will have to achieve the faculty set benchmark score during the 9th semester. Failure to pass the SEE benchmark will require the student to repeat the SEE. Each student must pass the SEE prior to graduation to be scheduled to take the NCE.

The fees for the student's taking of the SEE exam twice are including in the MTSA tuition and fees. Any additional retaking of the SEE exam are taken at the student's expense.

### ADDITIONAL SEE INFORMATION:

The SEE is a valuable tool to gauge progress in the education program, assess knowledge of anesthesia practice, and to prepare students for the National Certifying Examination (NCE) experience. The exam is 240 computer adapted questions covering these four domain levels: Basic Sciences; Equipment, Instrumentation and Technology; Basic Principles of Anesthesia; Advanced Principles of Anesthesia. The SEE is administered at approved testing sites across the nation. Data from the SEE will be reviewed and each student will receive counsel regarding knowledge areas that need further study and review.

## STUDENT ADVISEMENT

Advising is an essential part of student success and progression at MTSA. Success in the graduate program of nurse anesthesia depends not only on being a successful student in the academic courses, but also includes being successful in each of the clinical assignments. Therefore, advising at MTSA takes two forms, academic advising and clinical advising.

Upon enrollment, students are assigned a CRNA faculty member for the purpose of advisement/mentorship. The student is to have scheduled advising sessions throughout semesters 1-6.. During these sessions, the students' academic and clinical performances are reviewed, discussion of student progress or lack of progress occurs, and any remediation plans can be made. These sessions may be modified based upon the progress of the student. Online meetings can occur via audio/video call, telephone conversations or email communication as the student may be traveling to distant clinical sites.

The CRNA Advisor/Mentors review progress with each of their assigned students in both the academic and clinical areas. These evaluations are summaries of the student's self-evaluation form, Daily Case Evaluations, Semester Evaluations, and the Academic Record. Because Senior students are not on campus at regularly scheduled times, the advisement session for semesters 7-9 may take place by telephone, email, or virtually, any combination of these methods.

The MTSA Program Administrator is the full-time MTSA administrator who has the primary responsibility for interim student advisement. However, if the student chooses, the Assistant Program Administrator is also present at MTSA on a full-time basis and is available for student advisement. Both of these full-time CRNA administrators are available for informal discussions with students. Their offices are in close proximity to the classrooms, and dialogue is encouraged.

# STUDENT EXAM TAKING POLICY (FORMERLY STUDENT TESTING POLICY) — 5.1.104

Policy Number: 5.1.104

Reviewed: 2014, 6/17, 12/17, 7/21

Revised: 7/12, 2/14, 12/20/16, 6/17, 12/17, 2021

All quizzes, tests, exams, and skill performance exams given at MTSA will be administered at the discretion of the instructor. A staff person may be asked to act as a test proctor. Staff proctor will communicate with the instructor any suspicions or concerns.

- MTSA expects that all students will take each quiz, test, exam, and skill performance exam with integrity and honesty.
- Students caught cheating or stealing testing material will immediately be asked to leave the classroom and will receive a grade of zero for that quiz or exam and will be subject to disciplinary action, up to and including dismissal/termination.
- Any and all supplemental material, books, magazines, journals, papers (including blank paper), laptops, cell phones or any other electronic devices (smart watches, etc.), caps, hats (scrub hats are OK, but must be left on at all times during testing sessions), or any other material/device that may be construed as a device for cheating, must be left in the back of the classroom.
- Only the following materials are allowed on the desktop during **paper testing**: a pencil and scratch paper given by instructor, and an MTSA calculator if permitted by the instructor.
- All students present for the testing session must be in their assigned test seats before the session begins.
- There is to be **NO** talking, whispering, sign language, or gesturing once password for entry to test is presented.
- If a student must leave the room during test taking time for an emergency, they must have permission of the instructor or the MTSA staff proctor.
- During test taking time, to leave your seat you must first upload test & show the green II to instructor from your seat
- After turning in test to the instructor, the student must immediately and quietly leave the classroom, without returning to his test or lecture seat (per instructor allowing).
- When students leave the classroom, they must not cause excessive noise or disturbance outside the classroom in the hallway.
- A mechanism for quiz/test/exam review is specific to each instructor and is included in the course syllabus.

## STUDENT TESTING EXPECTATIONS

- Download test 1 hour prior to test time
- Make sure laptop, iPad/Microsoft Surface Pro is at least 50% charged (bring charger/power source)
- No hats (except scrub hat)
- No cell phones, smart watches, or any other smart technology
- All bags and books are left in the back of the classroom
- If allowed by instructor, scratch paper is to be turned in with name on top
- Your electronic testing device must remain flat on desk
- Sit in seat & show green II when exam is uploaded
- Any issue with the test administration software, the student must immediately notify the ExamSoft administration team by raising their hand and not pressing any other buttons or changing device settings. Failure to comply may result in forfeiture of exam and a grade of zero for that exam/quiz.

## INSTRUCTOR TESTING EXPECTATIONS

- Address in syllabus to allow/not allow students to go outside when finished with exam

- If using ExamSoft computerized testing, upload the test the day before
- Assure all student materials & electronics are at back of room before testing begins
- Once password is released, **NO TALKING**
- **No questions answered once test begins**

## TECHNOLOGY REDUNDANCY

In case of technology failure, tests will be given with the Scantron system.

## ATTENDANCE POLICY AND EXPECTATIONS — 5.4.101

Policy Number: 5.4.101

Reviewed: 12/20/16, 5/15/18, 10/20

*Revised: 12/20/16, 5/15/18, 6/19, 10/20, 11/20, 9/21, BOT Approved 11/21*

Students are to refer to individual course syllabi for class attendance policies. Attendance may be a major portion of specific course grades and all students are encouraged to attend all classes.

Any **class absence** should be arranged in advance with your course instructor. If you are going to miss class due to illness, you must contact your instructor(s), and the Program Administrator by e-mail as soon as you know you are unable to make class.

Any **clinical absence** should be arranged in advance with the Coordinator of Clinical Support. If you are going to be unable to attend your **clinical rotation**, you must contact the facility student coordinator and the Coordinator of Clinical Support by phone, and the Program Administrator by e-mail as soon as you know you will be unable to make your shift. Any absence from clinical obligation not previously approved by MTSA in writing will be considered emergency time. An absence from a clinical assignment when the student is assigned to take call will be considered as two emergency days. This includes weekend and daily 16- or 24-hour "call" shifts.

If the process for notification of an absence is not followed by the student, and if MTSA becomes aware of such an absence, the student may be charged two (2) emergency time days for each day absent. If a student fails to follow this process in more than one instance, the emergency time charged may be made up after graduation.

Any absences in excess of specified vacation, holidays, or emergency time days may result in a delay in graduation of an equal number of days.

It is NOT the responsibility of the Program Administrator to make the arrangements for the student to make up any missed tests or quizzes. Any make-up tests/quizzes/exams must be approved by the individual instructor according to his or her syllabus guidelines.

## CLINICAL SCHEDULE CHANGE

A change in the daily/monthly clinical schedules after it has been distributed to affiliates is highly discouraged and is usually only done in emergency cases where the student cannot work the day that he/she is scheduled. The student wanting to make a schedule change **must** find another student who is willing to exchange days with him/her. A form to request a schedule change can be obtained from the Coordinator of Clinical Support.

## PROCEDURE FOR REQUESTING A SCHEDULE CHANGE:

1. Obtain the form from the MTSA Coordinator of Clinical Support.
2. Return the completed form, with signatures of both students, to the Coordinator of Clinical Support Services



3. The students will be notified in a reasonable time by email from the office of the Coordinator for Clinical Support Services of the approval/denial for the schedule change.

## RELIEF STUDENT

Each month, MTSA attempts to have a relief student available, whose function is to replace full-time clinical students (*semesters 6-9*) at an affiliate who have gone through the appropriate channels to be able to take scheduled day(s) off. When these relief students are not occupied replacing students for scheduled days, they are available to replace students who may call in sick. When neither of these needs arise, the relief student will go to the pre-assigned base affiliate.

## ADDITIONAL ATTENDANCE OBLIGATIONS

A limited number of students will be able to attend state and national meetings, and such attendance may be at the student's expense, with advance clearance from the Program Administrator, Coordinator of Clinical Support, and the current affiliate clinical coordinator.

## TENNESSEE ASSOCIATION OF NURSE ANESTHETISTS (TANA) ANNUAL CONVENTION

This convention, currently held in Murfreesboro each fall, is a three-day event for Nurse Anesthetists and SRNA's to attend lectures on various aspects of nurse anesthesia practice.

Students are required to attend two complete days at the conference, not to interfere with their personal religious observance.

Student research from courses may be presented at this meeting in poster sessions or oral presentations. Non-attendance is considered an absent day and is subtracted from the bank of emergency time granted.

## SPECIAL EVENTS/GUEST LECTURERS

Attendance at specific group functions and evening lectures by guest speakers is mandatory, unless the student is scheduled on vacation, call, or out-of-town affiliation. These are announced in advance and are part of MTSA's program. Non-attendance will result in Progressions Committee action with penalties including having an emergency day subtracted from the bank of emergency days granted and/or a one-day extension in the program for each missed day of an event.

## HOLIDAY TIME

MTSA celebrates six (6) Holidays in which the campus will be closed and there are no classes for students. **Holidays observed:** New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, & Christmas Day.

If a student is scheduled to be at **clinical** on a holiday, compensatory time will be granted and added to the student's "Comp time" bank (*see Compensatory Time below*).

## VACATION BREAKS

Vacation breaks are scheduled at the end of each semester to allow students time off. Typically, all students get a two-week **semester break** from classes at the end of semester 1 and 2. During the semester breaks at the end of semesters 3, 4, and 5, students will have clinical duties for half of each break based on their group (A or B) and vacation during the other half of the break.

Vacation time from the start of semester 6 through the end of semester 9 will be as follows: two (2) weeks will be scheduled (5-day blocks) with the clinical office through the Coordinator of Clinical Support, and all students will be on vacation for one week in early September prior to the start of the Senior Elective.

Students may be scheduled a call-shift on the weekend prior to, or the day after vacation. Students will want to check their call schedule prior to making any travel arrangements during their vacation time.

## EMERGENCY TIME OFF

Students are given **three (3)** days of emergency time each academic year, for a total of **nine (9)** days of emergency time during the 36-month course. This time should only be taken for true illness, emergencies, and/or inclement weather. Using emergency time from clinical also prevents you from participating in academic activities for that day. You will need to follow the procedures for missing class as well.

Students may be requested to submit a physician's report documenting illness. Absences from meetings that require attendance (e.g., guest lecturers) will be charged to this bank of time unless the student is at an out-of-town affiliation. *Emergency days Do Not carry over into the next academic year.*

## PROCEDURE FOR TAKING EMERGENCY TIME OFF:

*The student **MUST** complete each of these steps:*

### Clinical

1. **Call** the affiliate and ask to speak to the Student Coordinator if possible. If the Student Coordinator is not available, request to speak to someone in the anesthesia department, preferably, or else someone else in the operating room that can get a message to the Student Coordinator and other anesthesia staff. Announce the absence and inform them of the illness (or other emergent reason). If unable to speak with the actual Student Coordinator, make a note of the name of the individual to whom you directly spoke to report the absence, as this will need to be relayed to the Coordinator of Clinical Support.
2. Email the **Coordinator of Clinical Support** regarding the specifics of the absence, to include the name of the individual to whom the illness (or other emergent reason) was reported at the affiliate.
3. Email the **Program Administrator** identifying that the appropriate procedure was followed and the time and name of the person at the clinical site with whom the student notified. If you are going to miss class, also include that information in your email.

### Academic

4. Call/email your class **instructor(s)** and inform them that you will be unable to attend class based on their contact preference on their syllabus. If you are going to miss an exam/test, it is your responsibility to reschedule it with your instructor.

## PENALTIES FOR FAILURE TO COMPLETE STEPS TO TAKE EMERGENCY TIME OFF

If MTSA finds that a student has failed to complete these when taking emergency time, the student will be charged **TWO (2)** full days for each day or portion of a day missed (without site Clinical Coordinator or designee approval). Furthermore, if MTSA finds that a student has failed to complete these steps when taking time off in more than one (1) instance, the student will not only be charged **TWO (2)** full days for each day or portion of a day missed (without site Clinical Coordinator or designee approval), but the student will also be required to make these days up **AFTER** the scheduled graduation date.

If a student takes time off (i.e. "calls in sick") on the day before or after a scheduled day off, or before or after a weekend, or before or after a holiday, the student will be charged TWO (2) full days. The student may be requested to submit a physician's report documenting illness.

Emergency time taken for sickness on dates of exams, and specifically final exam week, will be evaluated carefully. The student may be requested to submit a physician's report and/or be required to use two (2) days for time taken during exam week. Students affiliating at sites where they are scheduled 24 hours on, and 48 hours off are charged two (2) days for each one (1) emergency day taken while at that affiliation.

Absences in excess of emergency time must be arranged with the Program Administrator and may require days to be made up at the end of the program.

## COMPENSATORY TIME

Compensatory time is time earned for working on a scheduled holiday or for extra events. This time is recorded in a separate bank called **Comp Days** and managed by the **Coordinator of Clinical Support**. Comp days may be earned only when approved by the Program Administrator and/or the Coordinator of Clinical Support. Earned comp days may be taken off as the schedule permits. Earned comp days off must be scheduled fourteen (14) days in advance and coordinated through the Coordinator of Clinical Support. Only one student at a time may take an earned comp day in any affiliate, and then only with approval from the Coordinator of Clinical Support. Typically, one student is scheduled as a relief student, and this person can assume another student's position in an assigned affiliate on the weekday they request off (weekends excluded).

If earned comp days are requested less than 48 hours in advance, it is highly unlikely the request can be honored. For all requests made less than 14 days in advance, two (2) comp days will be subtracted from that student's bank of days. Comp days must be used within the academic year they are earned (i.e. if earned during the first academic year, must be used during the first academic year). ***No Comp Days can carry over to another year.***

## PROCEDURE FOR TAKING COMP DAYS:

The following process for requesting days off is provided to better serve student requests and to adhere to COA guidelines regarding supervision and scheduling of students. **MTSA is the official supervising body of the SRNA schedule and their requests for time away from clinical.**

1. All requests for Comp Days are to be made to the Coordinator of Clinical Support.
2. All requests must be made at least 14 days in advance of the desired day(s) off. This allows the Coordinator of Clinical Support the opportunity to use every reasonable resource to grant the requested day(s) to the student.
3. Request forms are located in the student mail room. If a student is at an out-of-town facility, they should request an electronic copy of the form.
4. After the form is returned to the Coordinator of Clinical Support, the student will be notified as soon as possible if the time is granted.
5. The Coordinator of Clinical Support will notify the clinical site of the student day off from clinical.

## ADDITIONAL ATTENDANCE OBLIGATIONS

A limited number of students will be able to attend state and national meetings, and such attendance may be at the student's expense, with advance clearance from the Program Administrator, Coordinator of Clinical Support, and the current affiliate clinical coordinator.

# TENNESSEE ASSOCIATION OF NURSE ANESTHETISTS (TANA) ANNUAL CONVENTION

## REVISION

This convention, currently held in Murfreesboro each fall, is a three-day event for Nurse Anesthetists and SRNA's to attend lectures on various aspects of nurse anesthesia practice. Students are required to attend two complete days at the conference, not to interfere with their personal religious observance. Student research from courses may be presented at this meeting in poster sessions or oral presentations. Non-attendance is considered an emergency day and is subtracted from the bank of emergency time granted

## SPECIAL EVENTS/ GUEST LECTURERS

Attendance at specific group functions and evening lectures by guest speakers is mandatory, unless the student is scheduled on vacation, call, or out-of-town affiliation. These are announced in advance and are part of MTSA's program. Attendance is required unless the student is on vacation or at an out-of-town affiliation. Non-attendance will result in Progressions Committee action with penalties including having an emergency day subtracted from the bank of emergency days granted and/or a one-day extension in the program for each missed day of an event.

## EMERGENCY TIME OFF

Students are given **three (3)** days of emergency time each academic year, for a total of **nine (9)** days of emergency time during the 36-month course. This time should only be taken for true illness, emergencies, and/or inclement weather. Using emergency time from clinical also prevents you from participating in academic activities for that day. You will need to follow the procedures for missing class as well. Students may be requested to submit a physician's report documenting illness.

Absences from meetings that require attendance (e.g., guest lecturers) will be charged to this bank of time unless the student is at an out-of-town affiliation. *Emergency days Do Not carry over into the next academic year.*

## PROCEDURE FOR TAKING EMERGENCY TIME OFF

*The student MUST complete each of these steps:*

### CLINICAL

1. **Call** the affiliate and ask to speak to the Student Coordinator if possible. If the Student Coordinator is not available, request to speak to someone in the anesthesia department, preferably, or else someone else in the operating room that can get a message to the Student Coordinator and other anesthesia staff. Announce the absence and inform them of the illness (or other emergent reason). If unable to speak with the actual Student Coordinator, make a note of the name of the individual to whom you directly spoke to report the absence, as this will need to be relayed to the Coordinator of Clinical Support.
2. Email the **Coordinator of Clinical Support** (615-732-7669) regarding the specifics of the absence, to include the name of the individual to whom the illness (or other emergent reason) was reported at the affiliate.
3. Email the **Program Administrator** identifying that the appropriate procedure was followed and the time and name of the person at the clinical site with whom the student notified. If you are going to miss class, also include that information in your email.

## ACADEMIC

4. Call/email your class **instructor(s)** and inform them that you will be unable to attend class based on their contact preference on their syllabus. If you are going to miss an exam/test, it is your responsibility to reschedule it with your instructor.
5. Call the **Registrar** (615-732-7671) and leave a message on their voice mail regarding the specifics of the absence.

## PENALTIES FOR FAILURE TO COMPLETE STEPS TO TAKE EMERGENCY TIME OFF

If MTSA finds that a student has failed to complete these when taking emergency time, the student will be charged **TWO (2)** full days for each day or portion of a day missed (without site Clinical Coordinator or designee approval). Furthermore, if MTSA finds that a student has failed to complete these steps when taking time off in more than one (1) instance, the student will not only be charged **TWO (2)** full days for each day or portion of a day missed (without site Clinical Coordinator or designee approval), but the student will also be required to make these days up **AFTER** the scheduled graduation date.

If a student takes time off (i.e. "calls in sick") on the day before or after a scheduled day off, or before or after a weekend, or before or after a holiday, the student will be charged **TWO (2)** full days. The student may be requested to submit a physician's report documenting illness.

Emergency time taken for sickness on dates of exams, and specifically final exam week, will be evaluated carefully. The student may be requested to submit a physician's report and/or be required to use two (2) days for time taken during exam week. Students affiliating at sites where they are scheduled 24 hours on and 48 hours off are charged two (2) days for each one (1) emergency day taken while at that affiliation.

Absences in excess of emergency time must be arranged with the Program Administrator and may require days to be made up at the end of the program.

## HOLIDAY TIME

MTSA celebrates six (6) Holidays in which the campus will be closed and there are no classes for students. **Holidays observed:** New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, & Christmas Day.

If a student is scheduled to be at **clinical** on a holiday, compensatory time will be granted and added to the student's "Comp time" bank (*see Compensatory Time below*).

## VACATION BREAKS

Vacation breaks are scheduled at the end of each semester to allow students time off. Typically, all students get a two-week **semester break** from classes at the end of semester 1 and 2. During the semester breaks at the end of semesters 3, 4, and 5, students will have clinical duties for half of each break based on their group (A or B) and vacation during the other half of the break.

Vacation time from the start of semester 6 through the end of semester 9 will be as follows: two (2) weeks will be scheduled (5-day blocks) with the clinical office through the Coordinator of Clinical Support, and all students will be on vacation for one week in early September prior to the start of the Senior Elective.

Students may be scheduled a call-shift on the weekend prior to, or the day after vacation. Students will want to check their call schedule prior to making any travel arrangements during their vacation time.

## SABBATH (SATURDAY) SCHEDULING — 3.3.109

**Policy Number: 3.3.109**

Reviewed: 2000, 2007, 2013, 2022

*Revised: 1998, 2003, 2007, 3/1/12, 1/5/17, 5/15/18, 6/28/2022, BOT approved 8/29/2022*

MTSA is currently independently operated and owns the property and buildings that house the School. In accordance with the Seventh-day Adventist history, as well as the history and mission of the school, the original policies of the School relative to Sabbath are the policies of the School today. They have been redefined to inform students and clinical facilities of the expectations of the School relative to Sabbath observance.

### ACADEMIC AREA

Neither the Middle Tennessee School of Anesthesia nor any of its faculty will schedule any academic class between sundown Friday until after sundown Saturday. It is recognized that not all students will choose Saturday as the day of worship. Accommodation will be made for classes that are scheduled outside of normal MTSA operating hours if attendance would violate or interrupt a student's normal religious observance. The accommodation may vary but may include video captured lectures for students to review at another time or makeup coursework assigned by the faculty of record.

On occasion MTSA will expect students to attend one day of a local weekend conference organized by the Tennessee Association of Nurse Anesthetists or the American Association of Nurse Anesthesiology. Students may choose the day they attend, either Saturday or Sunday.

### CLINICAL AREA

Clinical affiliations have evolved over the years to support the clinical needs of the program. It is not the intent of MTSA to control whether or not an affiliate hospital schedules elective surgery on weekends. However, the Middle Tennessee School of Anesthesia supports the choice of the student. Students are expected to do elective and call cases Monday through Friday and to take call for emergency cases on weekends as assigned. Should any student choose not to participate in call on a specified day due to religious convictions, MTSA will accommodate this student's request. A statement of religious observation from the student's current religious leader may also be requested. It should be noted that a student may have to complete clinical duties on extra weekend call shifts to accommodate their request. This is not punitive in nature but may occur due to schedule changes to accommodate the request.

## PRACTICE DOCTORATE PROGRAM REMEDIATION POLICY — 5.4.106

**Policy Number: 5.4.106**

Reviewed: 12/20/16

*Revised: 12/20/16, 5/15/2018*

Rather than discipline, the Program Administrator and the nurse anesthesia program faculty members may elect for student remediation for issues in such areas as academic performance, clinical performance, or professionalism issues. It is recognized that a number of issues may lead to remediation, most of which are related to clinical / academic / professional problematic behavior and are defined as (but not limited to):

1. An inability or unwillingness to acquire and integrate clinical/academic/professional standards into one's repertoire of acceptable behavior;
2. An inability or unwillingness to acquire and integrate clinical/academic/professional skills in order to reach an expected level of competency;
3. An inability or unwillingness to adaptively manage personal stress, psychological dysfunction, and/or excessive emotional reactions that interfere with clinical/academic/professional functioning.

Professional judgement by the Program Administrator and the nurse anesthesia program faculty members is utilized to determine when a student's behavior rises to the level of remediation or discipline.

Examples of problems which usually require mediation include one or more of the following traits:

- The student does not acknowledge, understand, or address the problem when it is identified;
- The problem is not a simple reflection of a skill deficit that can be remedied by academic or clinical training;
- The quality of services delivered by the student is deemed unsafe clinical practice or academically consistently below the level expected of a doctorate program;
- The problem is not restricted to one area of clinical/academic/professional functioning;
- A disproportionate amount of attention by faculty/training personnel is required to address the student's problems;
- The student's behavior does not change as a function of feedback, remedial efforts, and/or time;
- The problematic behavior has ethical or legal ramifications for the department;
- The student's behavior when representing the department negatively affects the public view of the department.

Remediation contracts will be written and signed by both the Program Administrator and the student. The content of the contract is completely dependent on the type and scope of identified problematic behavior and is at the discretion of the Program Administrator and the nurse anesthesia program faculty.

Failure to successfully complete a remediation contract may result in disciplinary action, including a formal written warning, probation, suspension, or dismissal.

## PRACTICE DOCTORATE PROGRAM STUDENT DRUG TESTING — 5.4.109

**Policy Number: 5.4.109**

Reviewed: 12/20/16, 5/15/18

*Revised: 12/20/16, 5/15/18*

MTSA is a faith-based organization concerned with the health and wellbeing of our employees & students. One of our goals is to provide a safe and drug-free institution of learning as well as protect the health and welfare of patients that may be treated by MTSA students during clinical rotations. All students will undergo drug screening during their tenure at MTSA.

MTSA contracts with an outside company that maintains sites nationwide to perform chain of custody drug screening. MTSA financially supports mandatory drug screening.

1. **Mandatory Initial Drug Screening:** All students will be required to have a drug screening prior to performing clinical duties. MTSA pays for this testing.
2. **Mandatory Random Selection Drug Screening:** While enrolled at MTSA, each semester a student(s) will be selected to participate in a random drug screening. The choice of student is randomly selected using an internet



based random selection process generated by a computer program. Students will be required to have their test completed within 24 hours of notification. Clinical coordinators may be notified to allow students time to go to the closest testing site. MTSA pays for this testing.

3. **For Cause Drug Screening:** MTSA reserves the right to request for cause drug screening at any time. This screening must be completed within 24 hours of request. An example may be a student receipt of a "red card" in clinical, erratic student behavior in classroom/simulation, behavior outbursts, calling out at clinical without a physician visit for illness, or other incidents. MTSA pays for this testing.
4. **Confirmational Drug Screening (Hair Test):** A hair test drug screen will be conducted following any positive drug test results. **This test will be at the student's own expense.**

If a student is unable to complete their drug screening within 24 hours or provide urine, hair testing may be performed **at the student's added expense.** Any test that results in a "non-negative" will require follow up. Any additional retesting will be at the student's expense.

Students may not begin or be allowed to continue clinical following a "non-negative" test result. The report will be sent to the **Program Administrator** for intervention and/or possible disciplinary actions. A student may resume clinical assignment after fulfilling any requirements set forth by the Program Administrator, and student submits a test sample for which a negative ("clear") result is received.

## CLINICAL INFORMATION

### CLINICAL ROTATIONS

The desirability of providing students with enrichment to their learning experience through affiliations with other health care institutions is recognized by MTSA. Accordingly, ALL students should be prepared to affiliate at a variety of institutions in the Nashville area and elsewhere, to include Kentucky in most instances, on a rotating basis. MTSA does not pay student stipends.

*MTSA retains the right to change affiliations, rotation schedules, or length of rotations at any time. Students will be given as much advance notice as possible.*

### CLINICAL ON-CALL EXPERIENCES

All students are required to participate in an "on-call" experience. The on-call experience is defined as clinical time that is outside the regular schedule of the OR, such as evenings or weekend shifts, and actual on-call assignments for emergencies. These evening, weekend and on-call assignments are made by the Coordinator of Clinical Support and the Clinical Coordinator at the clinical rotation.

### CLINICAL SITE VISITS

Designated MTSA administrators and/or faculty visit all active clinical sites at least annually to assure the availability of quality clinical experiences and an appropriate clinical learning environment for students.

## AFFILIATE SITE INFORMATION

As of September 1, 2021, regular affiliations are conducted at the following institutions:

For additional information and directions, click on the facility name to link to their website.  
(Sites in medically underserved areas (MUA) are preceded by a (+).)

## CENTENNIAL MEDICAL CENTER

*Nashville, TN*

### **Located about 14 miles from MTSA**

Semester 3-5: typically 1-2 month rotations

Semester 6-9: typically 1-2 month rotations

*Specialty rotations:* Cardiac and OB

Centennial has 657 licensed beds and over 1,200 physicians covering a wide variety of specialties. The Centennial Heart Center offers a full complement of cardiac care delivered by more than 50 cardiac specialists. Each year the heart center performs nearly 1,200 heart surgeries and almost 6,000 minimally invasive cardiac procedures.

## HENDERSONVILLE MEDICAL CENTER

*Hendersonville, TN*

### **Located about 10 miles from MTSA**

Semester 3-5: typically 1-2 month rotations

Semester 6-9: typically 1 month rotations

Hendersonville Medical Center, part of the TriStar Family of Hospitals, is a 110-bed comprehensive medical center north of Nashville in Sumner County.

## TRISTAR GREENVIEW REGIONAL HOSPITAL

*Bowling Green, KY*

### **Located about 55 miles from MTSA**

Semester

Semester

Greenview Regional Hospital, part of the TriStar family of Hospitals, is a TriStar Greenview Regional Hospital is a 211-bed facility serving Southern Kentucky and surrounding areas. Recognized by the Joint Commission as a Top Performer on Key Quality Measures®,

## MAURY REGIONAL MEDICAL CENTER

*Columbia, TN*

### **Located about 60 miles from MTSA**

Semester 3-5: typically 1-2 month rotations

Semester 6-9: typically 1-2 month rotations

Maury Regional Medical Center is accredited by the Joint Commission and is the largest hospital between Nashville and Huntsville. The 275-bed facility has a medical staff of more than 170 physicians and 2,000 employees who serve a region consisting of more than a semester-million people in southern Middle Tennessee. From a comprehensive interventional and surgical heart program that has attained chest pain center accreditation to a neonatal intensive care and cancer center, Maury Regional Medical Center offers a wide range of advanced services.

## MEDICAL CENTER AT BOWLING GREEN

*Bowling Green, KY*

**Located about 59 miles from MTSA**

Semester 3-5: full time rotations

Semester 6-9: full time rotations

Growing from a 35-bed city hospital to a 490-bed regional healthcare system over the past 80+ years, the Medical Center & its affiliated hospitals offer South-central Kentucky the following services: comprehensive cardiac program including open heart surgery, obstetrics and neonatology, cancer treatment and orthopedic services.

## NASHVILLE GENERAL HOSPITAL AT MEHARRY

*Nashville, TN*

**Located about 14 miles from MTSA**

Semester 3-5: typically 1-2 month rotations

Semester 6-9: typically 1 month rotations

General Hospital at Meharry has provided healthcare to Nashville/ Davidson County since 1890, during which time it has grown to the current 125-bed facility. In 1999, General Hospital moved from the original building to the renovated Hubbard Hospital on the Meharry Medical College campus. The name reflects this move and highlights a partnership with Meharry Medical College, one of only four historically black medical colleges in the U.S.

## NORTHCREST MEDICAL CENTER

*Springfield, TN*

**Located about 25 miles from MTSA**

Semester 3-5: typically 1 month rotations

Semester 6-9: typically 1 month rotations

*Specialty rotation:* Regional

NorthCrest Medical Center began operations in 1956 under the name of Jesse Holman Jones Hospital and serves Robertson and surrounding counties as well as southern Kentucky. NorthCrest is a 109-bed, not-for-profit, community hospital which offers a full-range of healthcare services from cardiac care and rehabilitation, obstetrics and women's services, pulmonary rehabilitation, to surgery and 24-hour emergency services.

## SKYLINE MEDICAL CENTER

*Nashville, TN*

**Located about 14 miles from MTSA**

Semester 3-5: typically 1-2 month rotations

Semester 6-9: NONE

TriStar Skyline Medical Center is Tennessee's first comprehensive stroke center and a national leader in neuroscience. The facility is equipped with 213 beds and offers a full array of acute care services, including cardiology, oncology, orthopedics/spine, rehabilitation and emergency services. As an Accredited Chest Pain Center with PCI, TriStar Skyline is a leading provider of emergency heart care.

## ST. THOMAS MID-TOWN (FORMERLY BAPTIST)

*Nashville, TN*

**Located about 14 miles from MTSA**

Semester 3-5: typically 1-2 month rotations

Semester 6-9: typically 1-2 month rotations

*Specialty rotations:* Cardiac & OB

St. Thomas Mid-Town Hospital is the largest not-for-profit community hospital in Middle Tennessee, licensed for 683 acute and rehab care beds. The main campus covers nearly two million square feet and spans more than six city blocks or 38 acres. St. Thomas Mid-Town Hospital is a member of Saint Thomas Health Services, a faith-based ministry serving Middle Tennessee.

**ST. THOMAS RUTHERFORD (FORMERLY MTMC)**

*Murfreesboro, TN*

**Located about 38 miles from MTSA**

Semester 3-5: NONE

Semester 6-9: typically 1 month

St. Thomas Rutherford, in Murfreesboro, TN, is a 286 bed facility. There are 1400 associates, 320 affiliated physicians. Over 7500 surgeries are performed annually, along with 2500 babies delivered. In 2010 a new \$268 million dollar facility was opened at the location to serve the residents of the greater Murfreesboro area.

**ST. THOMAS - WEST**

*Nashville, TN*

**Located about 17 miles from MTSA**

Semester 3-5: typically 2 weeks – 2 month rotations

Semester 6-9: typically 1-2 month rotations

*Specialty rotation:* Cardiac (CVA group)\

The Catholic Daughters of Charity health care ministry reached Nashville in 1898, when Saint Thomas was established. Today, the 541-bed facility, with more than 3,500 employees and 750 physicians on staff, provides adult specialty health care in service to a market area of more than two million residents of Middle Tennessee, Southwestern Kentucky & Northern Alabama.

*Students have rotations with 2 different anesthesia groups – AMG & CVA*

**TRISTAR STONECREST MEDICAL CENTER**

*Murfreesboro, TN*

**Located about 30 miles from MTSA**

Semester

Semester

Our 119-bed hospital offers complete medical care for adults and children, including emergency, surgical, maternity, imaging, cardiology, neurology, orthopaedic, physical medicine, sleep medicine and oncology services. Our medical staff of about 500 physicians includes more than 45 specialties. Many of our physicians have offices on or near the hospital campus. Our entire staff is committed to providing quality and safe patient care while offering compassion and comfort in our modern facility.

## TRISTAR SOUTHERN HILLS MEDICAL CENTER

*Nashville, TN*

**Located about 20 miles from MTSA**

Semester

Semester

Serving our community for more than 40 years, TriStar Southern Hills is a 126-bed comprehensive facility offering a variety of acute care services including cardiology, bariatric surgery, diagnostic imaging, emergency, orthopedics, spine, inpatient & outpatient rehabilitation, surgical services and wound care.

## SUMMIT MEDICAL CENTER (SMC) & SUMMIT SURGERY CENTER (SSC)

*Hermitage, TN*

**Located about 10 miles from MTSA**

Semester 3-5: typically 1-2 month rotations

Semester 6-9: NONE

Originally a 100-bed facility, Donelson Hospital expanded numerous times in its 21-year history. SMC was constructed and opened in 1994 and is a 188-bed facility today. SMC is a medical and surgical facility known for emergency care, cardiac services, oncology services, orthopedic surgeries, diabetes management and obstetric services. Equally important is the emphasis that Summit places on Outpatient Services. SMC has an Ambulatory Surgery Center, which contains three floors of medical office space. The complex is located at the Summit Outpatient Center. Entrances are available off Old Hickory Blvd & Central Pike.

## SUMNER REGIONAL MEDICAL CENTER (SRMC)

*Gallatin, TN*

**Located about 21 miles from MTSA**

Semester 3-5: typically 1-2 month rotations

Semester 6-9: typically 1-month rotations

*Specialty rotation:* Regional

Since opening in 1959 as Sumner County Memorial Hospital, SRMC has grown from a facility with just 50 employees and seven physicians to a comprehensive health care leader in the community with over 1,000 employees and 300 physicians. Since 1994, SRMC has served as the flagship hospital of the health care entity, HighPoint Health System. SRMC is accredited by the Joint Commission and is one of the largest non-government employers in Sumner County. Today, SRMC operates as a 155-bed facility and provides quality care in numerous areas, including cancer treatment, cardiac care, same-day surgery, orthopedics, diagnostics, and women's health and rehabilitation services.

## VANDERBILT UNIVERSITY MEDICAL CENTER (VUMC) & CHILDREN'S HOSPITAL AT VANDERBILT

*Nashville, TN*

**Located about 15 miles from MTSA**

Semester 3-5: typically 1-2 month rotations

Semester 6-9: typically up to 6 month rotations

*Specialty rotations:* Pediatric, OB, & Trauma

VUMC is a comprehensive healthcare campus dedicated to patient care, research and biomedical education. Within this system is VUMC, a twin-towered, 658-bed structure supported by the latest systems and technology. Patients are referred to Vanderbilt to receive both routine inpatient care and highly specialized medical treatment and surgical procedures. The Hospital is also home to the region's only Level I Trauma Center as well as the region's only Level IV Neonatal Intensive Care Unit.

Constructed in 2004, the freestanding Vanderbilt Children's Hospital is filled with state-of-the-art equipment and information systems. With 222 beds dedicated to high-level pediatric, subspecialty treatment, and trauma care, the hospital is also a teaching and research facility. Children's Hospital reaches children from Nashville to all Middle Tennessee counties and regions beyond. In 2007, a total of 104,169 of VCH's patients came from Davidson County. 16,151 patients came from out of state. Patients came from 45 states plus the District of Columbia.

## VANDERBILT SURGERY CENTER

*Franklin, TN*

**Located about 33 miles from MTSA**

Semester

Semester

## WILLIAMSON MEDICAL CENTER

*Franklin, TN*

**Located about 33 miles from MTSA**

Semester 3-5: typically 1-2 month rotations

Semester 6-9: NONE

Williamson Medical Center is a 185-bed hospital dedicated to serving the health care needs of the surrounding communities. Founded in 1957, Williamson Medical Center offers comprehensive inpatient and outpatient services, 24-hour emergency care, preventive health screenings and wellness activities.

## CLINICAL SUPERVISION OF NURSE ANESTHETIST STUDENTS

Supervision of the MTSA nurse anesthesia students in any clinical facility is restricted to anesthesiologists and CRNAs, who are immediately available in all clinical areas, and in any non- anesthetizing areas where students may be involved in the care of patients. Supervision does not exceed the ratio of two nurse anesthesia students to one anesthesiologist or one CRNA. At no time are resident physicians or graduate registered nurse anesthetists the sole agents responsible for the student. The supervision ratio is determined by the level of the student, complexity of the case, anesthetic, procedure, and experience of the instructor.

## CLINICAL CARE PLAN SUBMISSION

ALL STUDENTS are required to do care plans on each clinical day during the third semester. During the third semester, care plans should be completed at a minimum of one per clinical day and on any procedure the student is unfamiliar with. The clinical faculty, as part of the Daily Clinical Evaluation Tool, will evaluate each pre-induction Care Plan for accuracy and completeness.

Fourth Semester: Each student is required to do care plans on each clinical day during the fourth semester. This should be an in-depth, detailed care plan.

Written Care Plan submissions may be reviewed by the CRNA mentor and included in the student's semester progress meeting and report.

Fifth Semester – Ninth Semester: Students should have at minimum a verbal care plan prepared for all cases. Any unfamiliar procedure or anesthetic plan will require a written care plan.

## CLINICAL GRADING

The penalties for delinquent documentation are found under the **Disciplinary Actions** section.

1.	End of Rotation Evaluations:	60%
2.	Clinical Performance / Daily Clinical Reports	40%
3.	Comment Cards	
	Sentinel Events	
	Yellow Card	Up to 8% deduction each
	Red Card	Up to 16% deduction each
	Commendation	
	Green Card	Up to 2% addition each
4.	Case Number & Anesthesia Time Thresholds	P/F
5.	Student Evaluation of Clinical Sites	P/F
6.	Clinical Self-Assessment Tool	P/F

## SENIOR ELECTIVE

MTSA recognizes that there are hospitals and anesthesia groups willing to give clinical instruction to students that cannot accommodate the entire student body of MTSA. For this reason, the Senior Elective has been developed. Each student enrolled in the Practice Doctorate Program is required to participate in a Senior Elective taken during the last semester of the program.

A clinical affiliate agrees to have the position for a limited number of MTSA students. These facilities have the right to approve or deny student participation at the affiliation. MTSA reserves the right to limit the number of students in a Senior Elective at a site to prevent dilution of the clinical experience. Those requests made first, and those with hospitals already having contracts with MTSA, will be considered first. The cost of the Senior Elective is included in the tuition. All tuition and fees are set by the MTSA Board of trustees.

A list of facilities that have participated in MTSA's "Senior Elective" program is available in the office of the Coordinator of Clinical Support.

To be eligible for consideration for a Senior Elective of their choice, the student must meet the following criteria:

1. Maintain an overall 3.0 GPA
2. No failures in any class
3. Above average clinical evaluations
4. Met or have the potential to meet all case requirements



5. No Progressions Committee action preventing student's participation
6. Specific permission from the Progressions Committee if the student has been on probation for any cause during his time in the program

Students not meeting these criteria or not submitting their Senior Elective paperwork prior to the stated deadline will be assigned at any one of the regular active affiliates, including those located in other states, or at another senior elective affiliate with whom MTSA already has a current contract. In either of these cases, the student will be personally responsible for the entire cost of the Senior Elective, including any additional expenses, such as housing, travel, and non-NLC state RN licensure (if applicable).

MTSA is willing to develop a Senior Elective with any anesthesia group willing to offer specific clinical experience to students, and whose anesthesiologists and CRNAs are capable and desirous of becoming clinical instructors and are willing to enter into MTSA's senior elective contract agreement. MTSA does not provide living accommodations for students, so the affiliate or student is expected to cover this expense. The student is responsible for identifying the Senior Elective site of their choice.

The contract must be in progress by the end of the student's Semester 6 at MTSA. All final paperwork must be submitted to MTSA by the end of March in Semester 7. Please see Coordinator of Clinical Support for actual calendar date.

## COMPENSATORY TIME

Compensatory time is time earned for working on a scheduled holiday or for extra events. This time is recorded in a separate bank called **Comp Days** and managed by the **Coordinator of Clinical Support**. Comp days may be earned only when approved by the Program Administrator and/or the Coordinator of Clinical Support. Earned comp days may be taken off as the schedule permits. Earned comp days off must be scheduled fourteen (14) days in advance and coordinated through the Coordinator of Clinical Support. Only one student at a time may take an earned comp day in any affiliate, and then only with approval from the Coordinator of Clinical Support. Typically, one student is scheduled as a relief student, and this person can assume another student's position in an assigned affiliate on the weekday they request off (weekends excluded).

If earned comp days are requested less than 48 hours in advance, it is highly unlikely the request can be honored. For all requests made less than 14 days in advance, two (2) comp days will be subtracted from that student's bank of days. Comp days must be used within the calendar year they are earned). ***No Comp Days can carry over to another year, unless earned late in the calendar year and approved by the Program Administrator.***

## PROCEDURE FOR TAKING COMP DAYS

The following process for requesting days off is provided to better serve student requests and to adhere to COA guidelines regarding supervision and scheduling of students. **MTSA is the official supervising body of the SRNA schedule and their requests for time away from clinical.**

1. All requests for Comp Days are to be made to the Coordinator of Clinical Support.
2. All requests must be made at least 14 days in advance of the desired day(s) off. This allows the Coordinator of Clinical Support the opportunity to use every reasonable resource to grant the requested day(s) to the student.
3. Request forms are located in the student mail room. If a student is at an out-of-town facility, they should request an electronic copy of the form.

4. After the form is returned to the Coordinator of Clinical Support, the student will be notified as soon as possible if the time is granted.
5. The Coordinator of Clinical Support will notify the clinical site of the student day off from clinical.

## PENALTIES FOR FAILURE TO COMPLETE STEPS TO TAKE EMERGENCY TIME OFF

If MTSA finds that a student has failed to complete these when taking emergency time, the student will be charged **TWO (2)** full days for each day or portion of a day missed (without site Clinical Coordinator or designee approval). Furthermore, if MTSA finds that a student has failed to complete these steps when taking time off in more than one (1) instance, the student will not only be charged **TWO (2)** full days for each day or portion of a day missed (without site Clinical Coordinator or designee approval), but the student will also be required to make these days up **AFTER** the scheduled graduation date.

If a student takes time off (i.e. "calls in sick") on the day before or after a scheduled day off, or before or after a weekend, or before or after a holiday, the student will be charged **TWO (2)** full days. The student may be requested to submit a physician's report documenting illness.

Emergency time taken for sickness on dates of exams, and specifically final exam week, will be evaluated carefully. The student may be requested to submit a physician's report and/or be required to use two (2) days for time taken during exam week. Students affiliating at sites where they are scheduled 24 hours on and 48 hours off are charged two (2) days for each one (1) emergency day taken while at that affiliation.

Absences in excess of emergency time must be arranged with the Program Administrator and may require days to be made up at the end of the program.

## RELIEF STUDENT

Each month, MTSA attempts to have a relief student available, whose function is to replace full-time clinical students (*semesters 6-9*) at an affiliate who have gone through the appropriate channels to be able to take scheduled emergency day(s) off. When these relief students are not occupied replacing students for scheduled emergency days, they are available to replace students who may call in sick. When neither of these needs arise, the relief student will go to the pre-assigned base affiliate.

## POLICY OF MTSA CLINICAL STANDARDS — 5.4.103

**Policy Number: 5.4.103**

Reviewed: 12/20/16, 5/15/18, 10/20

*Revised: 12/20/16, 5/15/18, 10/20, 11/20, 9/21, 4/19/2022, BOT approved 8/29/2022*

Advancement of each student to the next higher level of anesthesia training and responsibility is made at semester intervals by the Progressions Committee. In order to be eligible to advance to the next higher level, the student must:  
Meet all clinical objectives for the current level for advancement to the next level;  
Successfully complete all assigned clinical affiliations;

Keep and maintain a current multi-state Tennessee RN license or Nurse Licensure Compact (NLC) or enhanced Nurse Licensure Compact (eNLC) license on file with MTSA during the entire program. The student must possess a current RN license for any state in which he is assigned for clinical rotations. If a student's RN license lapses for any reason, the student will immediately be removed from of his clinical rotation. The student may not return to clinical rotations until documentation of a current RN license is presented to MTSA. Any clinical days the student misses during this

period must be made up prior to graduation or the student may be extended in the program to compensate for these days. Any lapse in your nursing license that results in the inability to perform clinical duties will result in clinical probation.

In addition, all students are required to have an annual influenza vaccine. If a medical condition exists that prohibits the student from receiving the vaccine, the student must present documentation from their primary care provider stating why the influenza vaccine is contraindicated.

Clinical grades will be recorded on the transcript under Clinical Performance. They will be recorded as GS (Good Standing) or Prob/C (Probation Clinical) and accompanied by the letter grade earned, as described above, for that semester (see *Grading Policy, Clinical Grade*).

## CLINICAL SUPERVISION OF NURSE ANESTHETIST STUDENTS

Supervision of the MTSA nurse anesthesia students in any clinical facility is restricted to anesthesiologists and CRNAs, who are immediately available in all clinical areas, and in any non- anesthetizing areas where students may be involved in the care of patients. Supervision does not exceed the ratio of two nurse anesthesia students to one anesthesiologist or one CRNA. At no time are resident physicians or graduate registered nurse anesthetists the sole agents responsible for the student. The supervision ratio is determined by the level of the student, complexity of the case, anesthetic, procedure, and experience of the instructor.

## CLINICAL CARE PLAN SUBMISSION

ALL STUDENTS are required to complete care plans on each clinical day during the third semester. During the third semester, care plans should be completed at a minimum of one per clinical day and on any procedure the student is unfamiliar with. The clinical faculty, as part of the Daily Clinical Evaluation Tool, will evaluate each pre-induction Care Plan for accuracy and completeness.

**Fourth Semester:** Each student is required to complete care plans on each clinical day during the fourth semester. This should be an in-depth, detailed care plan.

Written Care Plan submissions will be reviewed by a CRNA.

**Fifth Semester - Ninth Semester:** Students should have at minimum a verbal care plan prepared for all cases. Any unfamiliar procedure or anesthetic plan will require a written care plan.

## CLINICAL GRADING

The penalties for delinquent documentation are found under the [Disciplinary Actions](#) section.

1.	End of Rotation Evaluations:	60%
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	Commendation	
	Green Card	Up to 2% addition each
4.	Case Number & Anesthesia Time Thresholds	P/F

5.	Student Evaluation of Clinical Sites	P/F
6.	Clinical Self-Assessment Tool	P/F

## END OF ROTATION EVALUATIONS

An End of Rotation Evaluation is completed by the CRNA or Anesthesiologist assigned as Clinical Coordinator at the clinical rotation site or by the Clinical Faculty using feedback obtained from the clinical site. These Coordinators and/or Faculty will comment on the student's experience and will recommend a grade for that particular rotation.

## TECHNOLOGY INFORMATION

### TECHNOLOGY

Students are issued an MTSA email address upon acceptance. Students are expected to check their MTSA email account on a routine basis. Failure to respond to emails from MTSA faculty and staff within two MTSA business days is considered unprofessional conduct, which is addressed in the [Standards of Conduct](#).

Utilizing Informacast Connect technology, a mobile phone will be used to receive urgent messages from MTSA administration.

Every student must also have reliable access to a personal portable/laptop computer equipped with video web camera capability for video conferencing and for completion of scholarly papers and presentations.

Each student will also be required to have reliable high-speed internet access to attend online courses, complete online assignments and conduct research. The entire MTSA campus has free wireless access for students. There is substantial bandwidth available that will allow all students to be able to use their laptops for coursework, conferencing, and exams.

Wireless printing stations are also located on campus for student use. Students have free printing privileges for research and coursework needs

Microsoft Office 365 applications are the current standard at MTSA. Microsoft Office applications are available for download by accessing <https://portal.office.com> and, signing in with your MTSA email address and password. These applications can be installed on Macs, PCs, tablets, and mobile phones. Synchronous events will utilize the Microsoft Teams application that can be downloaded to any device.

### TECHNOLOGY REQUIREMENTS

Every student will need a mobile smart phone, a laptop computer, and an iPad, or a Microsoft Surface Pro will suffice for both the laptop and the iPad (see specifications below).

**Mobile Smart Phone:** A mobile smart phone, with data plan (internet access) is required during the entire length of the program. As students travel to several affiliates, a mobile phone may be needed for emergency use. At clinical sites where students do not have WIFI access, the smart phone will be used as a backup for clinical evaluation completion. Utilizing MTSA EMS technology, the smart phone will also be used to receive urgent messages from MTSA administration. All students are required to have voicemail and text capability on their mobile smart phone throughout the entire program, and to check their messages daily.

It is the responsibility of all students to keep the School updated with their current phone number, throughout the entire program

**Computer:** Every student must have a laptop personal computer, or a Microsoft Surface Pro for completion of scholarly papers, presentations, and to take proctored exams if necessary. Each student will also be required to have reliable high-speed internet access to complete online assignments and conduct research.

Due to the nature of the online component, students must make sure their laptop computer has an internet speed of 2MBPS (upload/download) or greater for a successful connection. Operating system requirements and supported web browser information can be found **below**. Computers must have an internal or external web camera and a microphone. Students can test their internet speed at [www.speedtest.net](http://www.speedtest.net).

MS Office applications are the current standard at MTSA. The latest version of Microsoft Word, Microsoft PowerPoint, and Microsoft Excel is required; therefore, each student will be given access to Microsoft Office 365. For wireless compatibility, laptops must have internal wireless capability "N or G"; older type "B" systems are not supported.

Hardware/Software	Amount or Version	Required or Optional
Webcam		Required for ExamID and ExamMonitor
Microphone		Required for ExamMonitor
Hard Drive Space	2 GB Free HDD Space	Required
Memory	8 GB	8 GB recommended, 4 GB required
CPU	Equiv to Intel i3 2+ Ghz	Required
Mac Operating System	10.13, 10.14, or 10.15	
Windows OS	10 (Version 1803, 1809, 1903, or 1909)	
Internet Speed/Bandwidth	Min 2.5 Mbps Upload speed	Required

**iPad:** *iPad Pro* or *iPad Air 2*; minimum 32GB free space.

**Microsoft Surface Pro:** 8GB RAM, 256GB

Educational programs will be downloaded prior to the first semester intensive week.

These devices are used in the classroom for electronic access to PowerPoint slides, testing purposes, recording simulation exercises, and to support student learning.

The student and supervising anesthesia providers will also use the iPad or Microsoft Surface Pro in the clinical environment for online completion of student clinical evaluations.

## ONLINE VIDEO CAPTURE & CONFERENCING

MTSA utilizes the latest in Microsoft Teams as a student support service. The video capture platform and video share technology allows students to interact online and develop a sense of community. Students can interact with each

other in real-time using any mobile or desktop device and sessions can be video captured to store or share with other classmates who couldn't join live. Video can also be uploaded and comments, with video placement time stamps, can be posted to create asynchronous student interaction and collaboration for course content and student projects.

All students are expected to adhere to MTSA [Student Dress Code](#) whether online or in person.

## TECHNICAL SUPPORT

Students can contact MTSA's IT department directly on campus, as well as by e-mail ([itsupport@mtsa.edu](mailto:itsupport@mtsa.edu)).

Students are encouraged to contact technical support for any problems that originate with the hardware or software related to their academics by submitting an IT Support Ticket through the [Student Portal](#).

## STUDENT PORTAL

Upon acceptance to the program, students are given access to the MTSA student portal (<https://student.mtsa.edu/>).

The student portal includes the following:

- Single sign on links for Microsoft 365 and Brightspace
- A link to the online Learning Resource Center
- A link to submit an IT Support Request
- A Document Tracking section where students can electronically sign forms, upload required documents, and view previously submitted documents.
- Information about tuition and payments
- Financial aid information
- Course schedules
- Required textbook information
- Access to final grades
- Access to view, print, or download unofficial transcripts

## LEARNING MANAGEMENT SYSTEM

MTSA uses Brightspace from Desire2Learn (D2L) for its learning management system environment. All coursework and lecture material is posted to Brightspace by instructors. Students will submit assignments in Brightspace for their enrolled courses.

## MICROSOFT TEAMS

## STUDENT SERVICES

## ORIENTATION WEEK

The first week of classes in Semester 1 will be an orientation to the program. Sessions will be held to discuss the academic and clinical requirements of the program, review of the student handbook, as well as an orientation to the MTSA campus. Students will attend their first class in each of their semester 1 courses to meet the faculty and acclimate to MTSA. Classroom activities will be held to assist in building community within the cohort.

## MTSA CAMPUS COMMUNITY DAY

The first day of semester 2, MTSA hosts a community day introducing the student and their family to life at MTSA. The goal of this day is to show that MTSA is a family-oriented community devoted to supporting our student in all aspects of their life while they are studying here. The day is broken up in lectures and events not only to educate, but to let the student and their families mingle with their classmates to form a foundation to stand on for rest of their school days.

Student attendance for MTSA Campus Community Day is required.

One of the educational sessions is designed to increase the knowledge and awareness of the rigors of graduate education/life that may arise. Due to the high risk of addiction with anesthesia providers, a licensed counselor reviews how students and families can recognize at-risk behaviors, seek counseling, and demonstrate support and understand to the student's behavior and attitude.

## FINANCIAL AID ENTRANCE ORIENTATION

Enrolled students requesting financial assistance are required to schedule an orientation with the Financial Aid Office. This orientation will occur prior to program begin date. All admitted applicants will be notified by mail of this requirement and to schedule an appointment. For further information contact [finaid@mtsa.edu](mailto:finaid@mtsa.edu).

### Procedures to Apply for Education Loans

- Must file the (appropriate year) Free Application for Federal Student Aid (FAFSA) <https://studentaid.gov/h/apply-for-aid/fafsa>
- Must attend the financial aid orientation with the Financial Aid Office prior to receiving aid
- Complete the required online entrance counseling and promissory notes for the loans

## PROFESSIONAL LIABILITY INSURANCE

Carrying liability insurance for MTSA students is to offer specific protection against third party claims that may arise as a result of some action when students are participating in the provision of anesthesia. When a claim is made, the insurance carrier has the right to defend the insured, thus MTSA has afforded students this protection. Student are required to notify the Program Administrator of any issue that could be a liability. For more information, see the ***Additional Expenses*** section of this handbook.

## SCHOOL/CLINICAL RELATED ACCIDENT INSURANCE

Because students perform clinical assignments in a health care arena where accidents may happen, such as needle sticks, and because clinical affiliate hospitals are unwilling to assume the risk of caring for students in such situation, MTSA provides an accident insurance policy to assure they have appropriate healthcare treatment for an untoward event. Although MTSA provides this personal school-related accidental/injury insurance policy, MTSA does not assume the student's medical care nor provide health insurance. This coverage applies only to school related activities. The student must carry personal health insurance at all times throughout the program. For more information, see the ***Additional Expenses*** section of this handbook.

## ACADEMIC AND CLINICAL SCHEDULES

Class schedules are accessible via student information system and clinical rotation schedule for Semesters 3-5 are given each student prior to the completion of Semester 2. Senior rotation schedules are given to each student for semesters 6-8 prior to the completion of semester 5. Simulation schedules can be viewed via LMS Simulation course.

## BUSINESS SERVICES

MTSA supports students in assistance with their business needs such as Fax, Copy, Mail, Notary, transcripts, & wellness documents (i.e., TB skin tests) at no additional charge. MTSA students have to provide documentation of multiple items to multiple places while in school and to employers after graduation.

## COMMUNITY SERVICE PROGRAM

MTSA believes in “giving back” to the community, and thus has ongoing opportunities for the entire school to participate in community service projects. The professional aspects course has continued to include a service project. Within this course, each student or a group of students is asked to participate in a community related project to launch their career devotion to a life of service. Students can suggest other community service projects that they feel fit with the mission of the school for consideration to the School Life Committee outside of their professional aspects course.

## MISSION TRIP PARTICIPATION

MTSA students may have the opportunity to participate in mission trips at locations outside the United States. The mission program at MTSA helps to fulfill the mission statement of the school. MTSA will accommodate scheduling for a limited number of students to take part in the MTSA sponsored mission trips. Currently MTSA does provide limited financial support to students for their participation through limited fundraising activities. All participation is voluntary. Students may be allowed to participate in mission trips not sponsored by the MTSA mission program during semesters six (6) and nine (9).

## MTSA PROCEDURE FOR MISSION TRIPS

- MTSA does financially sponsor student participation in a limited capacity, but may be able to accommodate scheduling for a limited number of students to take part in some mission trips.
- Students are never permitted to participate in mission trips as the sole or primary anesthesia provider, but must be accompanied by qualified CRNA and/or anesthesiologist supervisors.
- A valid passport may be required to participate in a mission trip.
- Students are not permitted to record any anesthetics or procedures performed on mission trips in their case logs in Medatrx, as the Council on Accreditation of Nurse Anesthesia Programs (COA) does not allow these to be counted toward their required numbers of cases and procedures.
- The logistics associated with scheduling and accommodating requests are complex, and students should understand that not all requests may be honored.
- Any student who has been on any type of probation or suspension during the program is not eligible to participate.
- Mission trips will be approved only during semesters six (6) and nine (9). After the Senior Schedule is published, specialty rotation sites are confirmed, and the “vacation drawing” has occurred, the student may make a request for participation in a mission trip.



- A complete description of the mission trip, mission sponsors, and itinerary must be submitted with the request. After review by the Program Administrator and review of the clinical schedules, the requests may either be granted or denied.
- The student will be notified within 4 business days if the request will be granted.
- Vacation days and/or Comp days will be used for any mission trip in the following manner:

*\*Any days during the trip that are not spent in the operating room or clinic will be counted as vacation days. (I.e. excursions, tours, safaris, beach days, etc.)*

## FITNESS CENTER

The Fitness Center is an excellent facility provided for the health and wellness benefit of students, faculty, staff, and administration. There are also separate male and female shower facilities in the P.T. Magan building. This can be accessed during off-hours with the student card access.

We ask that all students using the center follow the guidelines and procedures below for their own safety, to maintain the equipment, and to assure cleanliness of the facility. Before you can use the center, you will need to sign a waiver which will be discussed during Intensive Week.

### GENERAL RULES FOR FITNESS CENTER USE

Participants are asked to adhere to the following guidelines:

- Complete Fitness Center Waiver located in the Student Portal.
- Participants must report injuries to either 911 or the MTSA Administrator on-call.
- Please show respect for the equipment, facility, and toward others using the center.
- Do not move or rearrange the equipment and/or exercise machines, unless otherwise permitted.
- No horseplay or loud, offensive language will be tolerated.
- Use a spotter when lifting heavy weights. Do not drop or throw the weights. Keep hands and loose clothes away from weight stacks, cables, and pulleys.
- To assure that all participants are able to use the machines, please limit use of cardio machines to 30 minutes when others are waiting.
- Proper attire is required at all times: Shirts, shorts or exercise pants, and athletic shoes must be worn. No sandals, open-toe shoes, or bare feet. Sport-bras must be covered by another shirt.
- Plastic water bottles are allowed. All other drinks, food, and glass containers are not allowed.
- The use of photographic equipment to take pictures of any person in the fitness center is prohibited without written consent of the person(s) being photographed.
- Please wipe off equipment after use with the sanitizer(s) that is provided. Please pick up trash, towels, and personal belongings before leaving. Try to leave the center in better condition than when you arrived.

Consult your physician prior to undertaking exercise in the center.

## NELDA FAYE ACKERMAN LEARNING RESOURCE CENTER

### MISSION

The Nelda Faye Ackerman Learning Resource Center (LRC) is designed to foster the advancement of education, research, and scholarship in nurse anesthesia by providing access to students, faculty, alumni, and the nurse anesthesia community for information needed to support and enhance professional practice activities.

## HOLDINGS

Due to the technological advances of electronic and digital content acquisition, MTSA's collection can now be found via subscriptions to five databases, 37 e-journals, and 83 e-books. Any print materials are kept for historical significance in the field of nurse anesthesia and will remain at the discretion of the Research and Library Assistant.

Faculty instructing in any course may submit a request for electronic texts related to their subject area. Any purchases for written text for an entire class must be approved by the Program Director for the Research and Library Assistant to order. Regular review of the LRC holdings will be performed by the Research and Library Assistant, to assess and evaluate for relevancy and utilization of such holdings by the student body. Additions and deletions to the library's holdings will be reviewed annually through the Nurse Anesthesia Program Council (NAPC), after initial review and approval by the Research and Library Assistant.

## LENDING AGREEMENTS

The Research and Library Assistant ensures that the Learning Resource Center maintains reciprocal lending agreements with other libraries to supplement gaps in the collection. These agreements include Freeshare, a cross-regional library group for National Library of Medicine (NLM) libraries that would like to participate in free, reciprocal lending. To join, libraries must report serial holdings in NLM's DOCLINE and agree to exchange free interlibrary loans with other participants. Students and faculty can order individual copies of full text articles via Interlibrary Loan through the LRC request form. Typically, an article is received within 24-48 hours and emailed to the requestor. On the rare occasion that the requested article is not available from these reciprocal lending libraries, the article may be purchased by LRC once approved by the Program Director.

The Research and Library Assistant belongs to Tennessee Health Sciences Library Association (TheSLA), a statewide library resource sharing group whose members participate in free reciprocal lending practices. The Research and Library Assistant is also a member of the Association of Seventh-day Adventist Librarians (ASDAL), whose primary focus is electronic content licensing and consists of 75 private academic libraries on six continents.

## LIBRARY HOURS OF OPERATION

The Research and Library Assistant is available by appointment in person, by telephone, or by email during normal MTSA business hours (Monday through Thursday, 8 am-6 pm). To schedule individual requests for instruction, students and faculty are asked to submit an LRC ticket [Electronic Resources - MTSA](#). To ensure the LRC services, collections, and resources meet the student and faculty needs, an annual survey is conducted for feedback and suggestions to improve the processes and holdings.

# RESEARCH SEARCH TIPS AND TUTORIALS

## PUBMED (OPEN ACCESS)

[What is in PubMed? - YouTube](#)

[PubMed - YouTube](#)

[PubMed: Using the Advanced Search Builder - YouTube](#)

## CLINICAL TRIALS – NATIONAL LIBRARY OF MEDICINE (OPEN ACCESS)

[Home - ClinicalTrials.gov](#)

## OVID DATABASE

[Wolters Kluwer - Online Training \(ovid.com\)](#)

[Wolters Kluwer - Support & Training \(ovid.com\)](#)

## CINHAL DATABASE

[CINAHL-Complete-Take-Away-Guide.pdf \(ebSCO.com\)](#)

## COCHRANE LIBRARY

[Cochrane Library Training Hub \(wiley.com\)](#)

## COLLABORATIVE STUDENT STUDY AREAS/LOUNGES

The Student Lounge in the **Bernard V. Bowen Academic Center** serves to assist in improving the welfare of student life at MTSA, and to provide students with a neutral environment in which to build community. The Student Lounge is equipped with a dining area, microwave ovens, sink, dishwasher, ice machine, two refrigerators, coffee maker, and vending machines.

The M.E. “Ikey” DeVasher Student Support Center has three student study rooms designed for small group study. The Nelda Faye Ackerman Learning Resource Center is equipped with tables and seating available for student use. There is also space on the second floor designated for quiet study. The hallways of all three campus buildings have lounge chairs and benches, as well as high-top tables and chairs for individual use.

The student Learning Resource Center in the **Percy T. (P.T.) Magan Building** includes a 3204 square foot open space, with individual and group study areas, whiteboards, access to technology for presentations, as well as an adjacent outside covered patio, which is designed for small group interaction and celebration events. An additional area is available for quiet individual and small group study, along with state-of-the-art video conference technology.

The student Learning Resource Center also includes a kitchenette with a dining area, refrigerator, microwaves, dishwasher, ice machine, and vending machine for student body use.

Patios outside the Magan and Bowen buildings are equipped with tables and seating. There are several other tables with benches located outdoors, throughout the campus.

## PRAYER BOARD

With “Reflecting Christ in Anesthesia Education” as its aim, MTSA is a Christian institution with an educational philosophy rooted in the understanding that God is the Creator of the universe and humankind, and that through His infinite love, He sent his Son to restore a relationship with humankind that begins on this earth and continues through eternity. MTSA acknowledges the continuing of this relationship through prayer.

For more than two decades, MTSA has had a prayer board posted in the primary classroom where the first-year class meets. The prayer board is updated regularly to include all current requests and praises from students, staff, faculty, alumni, and other community members.

## SCHOOL CHAPLAIN

The School Chaplain is available to support individual students and the School community through pastoral care. The Chaplain leads the weekly on-campus religion DREL 800 series, where all PD1 students are in attendance. Through this relationship, students have a source to contact should they face emotional or spiritual issues. The School Chaplain is also available via email or phone.

## PROFESSIONAL DEVELOPMENT

### JOB INTERVIEW TRAINING

Students who are in need of help transitioning into a CRNA with resumes, interviewing, job placement and job development can meet independently or in small groups with the Program Administrator. These skills are also taught in the Senior Board Review class in developing the student's personal portfolio.

### SCHOLARLY DEVELOPMENT PROGRAM

Multiple opportunities exist for students to participate as a student representative from their class in local, regional, and national meetings and conferences as MTSA promotes and encourages student's participation in local, regional and national committees that govern CRNAs. Students are elected to these positions by their class appointment is confirmed by . and MTSA financially supports the student's representation. These activities are intended to promote their learning about CRNA issues as well as enhancing development of specific professional aspects in their behavior. These conferences include but are not limited to: Tennessee Association of Nurse Anesthetists (TANA) Annual Conference, American Association of Nurse Anesthesiology (AANA) Congress and their annual public policy meeting in Washington D.C., and Tennessee Legislative Day on Capitol Hill.

## ACADEMIC COACHING

MTSA is committed to student success. Students have the opportunity to meet with an Academic Coach at any time during their enrollment at MTSA. An Academic Coach meets one-on-one with a student to provide individual support, assess student strengths and needs, and devise a personalized plan of action.

Academic Coaches provide students with academic support and strategies to help in many areas, including but not limited to the following:

- Study Skills
- Time Management
- Test-Taking Strategies
- Test Anxiety
- Writing Assistance

Students may decide to meet with an Academic Coach on their own, or they may be referred by a faculty member.

For more information or to make an appointment, please contact Jessica Creason at [jessica.creason@mtsa.edu](mailto:jessica.creason@mtsa.edu) or 615-732-7671.

## SIGMA THETA TAU: AN HONOR SOCIETY

MTSA joined Vanderbilt School of Nursing to advance the IOTA Chapter of Sigma Theta Tau to an “at Large” chapter. This union allows MTSA to offer its students an opportunity to participate in an honor society. Sigma’s mission is to help in “developing nurse leaders anywhere to improve healthcare everywhere.” Sigma now has over 135,000 active members in over 100 countries.

MTSA focuses on the scholarship and service arms of Sigma that merge thoughtfully with the MTSA mission of excellence in education and life of service. Multiple scholarship funds exist for students, fellows and faculty to apply for assistance in their research endeavors. Our local IOTA at large chapter participates with multiple local organizations to provide service for those in need.

To apply for new membership, please contact the MTSA Evidence-based practice instructor. To transfer your membership to the IOTA at large chapter, please visit <https://www.sigmanursing.org/>

## STUDENT RECORDS/TRANSCRIPT REQUESTS

The purpose of the MTSA Registrar's Office is to serve as custodian of student academic and clinical records. This office provides verification of enrollment or graduation upon request by students and alumni. All requests for verifications, transcripts, and/or letters of reference should be submitted IN WRITING to the Academic Support Specialist who is responsible for such records.

Transcript request information is located on the MTSA website in the Alumni section or can be accessed via this link (<https://mtsa.edu/alumni/transcript-requests/>).

To request a copy of your transcript, complete the [Transcript Request Form](#) and return it to Registrar's Office at MTSA via email ([verifications@mtsa.edu](mailto:verifications@mtsa.edu)), fax, or mail as stated on the form. Students and alumni can also request an [electronic copy of their MTSA transcript](#) through the National Student Clearinghouse.

## MTSA STAFF, FACULTY, AND ADMINISTRATION

[Academic Faculty](#)

## APPENDIX E: ORGANIZATIONAL CHART

DOWNLOAD IMAGE (CLICK HERE FOR CLEAREST PICTURE).



## ACADEMIC POLICIES

### ACADEMIC POLICIES POLICY — 3.3.114

Policy Number: 3.3.114

Reviewed: 8/6/2018, 2/2021

*Revised: 8/6/2018, 2/2021 BOT approved 5/2021*

MTSA publishes, implements, and disseminates academic policies that adhere to principles of good educational practice and that accurately represent the programs and services of the institution. Educational policies appear in

MTSA publications including the student handbooks and Faculty Handbook. These handbooks are available to their constituents through handbooks either the MTSA website, MTSA's internal ShareFile network, or in print, upon request. The handbooks are reviewed and updated annually to ensure accurate information is disseminated.

## POLICY FOR AWARDING CREDIT — 3.3.115

**Policy Number:** 3.3.115

**Reviewed:** 8/6/18, 6/22/22

**Revised:** 8/6/18, 6/22/2022, BOT approved 8/29/2022

MTSA uses semester credit hours as the basis for measuring the amount of learning accomplished. This measurement of engaged learning delineates the units connected with student learning experiences in both traditional classroom settings and nontraditional classroom settings such as laboratories, studios, internships, practica and other experiential learning, and in semester and non-semester-based, face-to-face and distance learning delivery modes.

The purpose of this policy is to provide academic administrators and faculty of MTSA guidance in setting credit hour recommendations for MTSA academic courses and programs consistent with federal regulations.

To comply with federal regulations and with the Southern Association of Schools and Colleges Commission on Colleges (SACSCOC) policy, MTSA has adopted the federal definition of the Credit Hour as identified by SACSCOC in their policy statement on credit hours (approved June 2011, edited January 2012 and August 2018), as follows:

**Federal Definition of the Credit Hour.** For purposes of the application of this policy and in accord with federal regulations (34 CFR 600.2), a credit hour is an amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally established equivalency that reasonably approximates:

- a. Not less than one hour of classroom or direct faculty instruction and a minimum of two hours of out of class student work each week for approximately fifteen weeks for one semester or trimester hour of credit, or ten to twelve weeks for one quarter hour of credit, or at least the equivalent amount of work over a different amount of time, or
- b. At least an equivalent amount of work as required outlined in paragraph (1) of this definition for other academic activities as established by the institution including laboratory work, internships, practica, studio work, and other academic work leading to the award of credit hours.

The awarding of credit hours for academic courses and programs:

MTSA is responsible for determining the amount of credit hours awarded for MTSA academic courses and programs and will abide by the SACSCOC guidelines for flexibility in interpretation when assigning credit hours for student coursework, stated as follows.

The institution determines the amount of credit for student work.

- a. A credit hour is expected to be a reasonable approximation of a minimum amount of student work in accordance with commonly accepted practice in higher education\*
- b. The credit hour definition is a minimum standard that does not restrict an institution from setting a higher standard that requires more student work per credit hour.
- c. The definition does not dictate particular amounts of classroom time versus out-of- class student work.
- d. In determining the amount of work the institution's learning outcomes will entail, the institution may take into consideration alternative delivery methods, measurements of student work, academic calendars, disciplines, and degree levels.
- e. To the extent an institution believes that complying with the Federal definition of a credit hour would not be appropriate for academic and other institutional needs, it may adopt a separate measure for those purposes.

- f. Credits may be awarded on the basis of documentation of the amount of work a typical student is expected to complete within a specified amount of academically engaged time, or on the basis of documented student learning calibrated to that amount of academically engaged time for a typical student.

For the purposes of this policy, an “hour” of instruction is interpreted as 50 minutes of contact time or its equivalent. Thus, each semester hour of credit involves 15 weeks x 50 minutes = 750 minutes = 12.5 hours of contact time, or its equivalent, excluding registration and final examination periods.

This is also in compliance with U.S. Department of Education (DOE) definition of a credit hour, as published in the “instructions” for completing Integrated Postsecondary Educational Data Systems (IPEDS) reports on 12-month enrollment and the Federal Student Aid Handbook. The Glossary accompanying the IPEDS instructions defines a credit hour as:

A unit of measure representing the equivalent of an hour (50 minutes) of instruction per week over the entire term. It is applied toward the total number of credit hours needed for completing the requirements of a degree, diploma, certificate, or other formal award.

Instructional engagement activities include lectures, presentations, discussions, groupwork, and other activities that would normally occur during class time. Instructional engagement activities may occur in a face-to-face meeting or in a synchronous online class.

## DEFINING ENROLLMENT STATUS — 3.3.119

**Policy Number: 3.3.119**

*Revised: 8/22/2022, BOT approved 8/29/2022*

MTSA defines full-time enrollment status as enrollment for eight (8) or more credit hours in a semester and half- time enrollment status across all programs as enrollment in 4-7 credit hours.

## OWNERSHIP OF INTELLECTUAL PROPERTY — 4.2.113

**Policy Number: 4.2.113**

*Reviewed: 3/14*

*Revised: 01/09, 6/30/16*

All class materials created by faculty members in the employ of MTSA (whether for courses at MTSA or their courses at other institutions) are the property of the faculty member, other institution, and/or MTSA. Such class materials include, but are not limited to, quiz/test/exam questions, quizzes/tests/exams in whole or in part (to include individual questions), and any class materials created by the faculty member and distributed to students.

A faculty member, staff member, or student is entitled to full royalties from publications if the School paid no cost of travel, research, preparation of manuscript, or School/student labor. If a faculty or staff member or student obtains patent rights, he/she is entitled to full royalties, if the School paid no cost of travel, research, preparation of the patent, or School/student labor. If MTSA sponsors, pays for release time, provides funds for travel, production, or other related costs, the School and the faculty or staff member or student will sign a pre-contract indicating how MTSA would be reimbursed or how royalties would be distributed.

## REFUND POLICY/WITHDRAWAL PROCEDURES — 5.1.106

**Policy Number: 5.1.106**

*Reviewed: 3/14, 7/18, 8/18, 7/19, 10/20*

*Revised: 3/12, 4/14, 7/13/16, 8/6/18, 7/2019, 10/2020 BOT Approved 11/20*

Any student/Fellow who wishes to withdraw from MTSA must notify their Program Administrator in writing of this action. Any withdrawal without a prior meeting with the Program Administrator may be considered permanent.

## REFUND POLICY

MTSA will permit any student/Fellow to cancel their enrollment agreement within 72 hours of the enrollment day. Should a cancellation occur MTSA will refund 100% of the first tuition payment that was made by the student/Fellow, minus the deposit submitted to hold the student/Fellow position in class. Students/Fellows who have been given a medical withdrawal are assessed and adjusted no differently than other withdrawals.

## PRO RATA REFUND

If a student/Fellow withdraws or is terminated from the program after the period allowed for cancellation of the enrollment agreement and has completed 60% or less of the period of attendance (semester), the student/Fellow is entitled to a partial prorated refund. MTSA will calculate whether a tuition refund is due, and if so, remit a refund within 45 days following the student's/Fellow's withdrawal or termination. For students receiving funds through the Federal Student Aid program, unearned funds will be returned to the aid programs in the order required under Federal Law. For students/Fellows receiving funds through a non-federal loan, the VA, or sponsor, unearned funds will be returned to the lender or agency. Any remaining balance will be paid to the student/Fellow. The pro rata percentage is based on days of attendance within the period of attendance. Students/Fellows who stop attending all classes but do not complete the official withdrawal process could owe a repayment of Title IV funds. Please contact the Office of Financial Aid (615-732-7884) for more information.

## DETERMINATION OF THE WITHDRAWAL DATE

The student's/Fellow's withdrawal date is the last date of the academic attendance as determined by the institution from its attendance records. If the institutional leave of absence is not considered an official leave of absence for Title IV purposes, the withdrawal date for a student/Fellow who takes an institutional leave of absence is the last date of attendance prior to the leave.

## MTSA INTERNAL WITHDRAWAL PROCEDURES:

1. Notify in writing (i.e. email) the Program Administrator, who will in turn notify the Vice President of Academics, of your intent to withdraw.
2. Schedule an appointment with the Vice President of Academics if requested.

## STUDENT RECEIVING VETERANS BENEFITS WITHDRAWAL PROCEDURE:

1. Complete withdrawal procedure as noted above.
2. Contact the Office of Financial Aid for information regarding your veterans' benefits.
3. It is VA's policy, if you withdraw from your program at MTSA, Veterans Affairs (VA) must reduce or stop your benefits. You may have to repay all benefits for the program unless you can show that the change was due to mitigating circumstances.\*

*"Mitigating circumstances"* are unavoidable and unexpected events that directly interfere with your pursuit of a course and are beyond your control. Examples of reasons VA may accept are extended illness and unscheduled changes in your employment. Examples of reasons VA may not accept are withdrawal to avoid a failing grade or dislike of the instructor. VA may ask you to furnish evidence to support your reason for a change. If a serious injury or illness caused the change, obtain a statement from your doctor. If a change in employment caused the change, obtain a statement from your employer.

For more information about VA policies, please contact <https://benefits.va.gov/gibill/> 1-888-GIBILL1 (1-888-442-4551)



# STUDENT TEMPORARY LEAVE OF ABSENCE — 5.1.108

Policy Number: 5.1.108

Reviewed: 7/11/17, 1/21/2020

Revised: 7/11/17, 1/21/2020 BOT approved 8/2020

The study of nurse anesthesia is highly specialized, and the curriculum is formatted to follow a natural progression from basic principles to more advanced topics. Rarely, a student may experience a life circumstance that necessitates a temporary leave of absence from the program. The maximum duration of a Temporary Leave of Absence (TLOA) is twelve (12) weeks for students in the DNAP Practice Doctorate Program, one (1) year in the Fellowship Program, and one (1) year for students in the DNAP Completion Program. Exceptions to the 12-week program limits may be granted under extenuating circumstances. Students may request a TLOA from the nurse anesthesia program for the following reasons:

1. Medical emergency
2. Maternity
3. Call to active military service

MTSA will maintain the confidentiality of all information regarding TLOA in accordance with federal, state, and local law, and to the greatest extent consistent with the goal of processing such leaves. All records concerning a TLOA are confidential and the official copy of such records shall be retained by the school. Access to these records is limited by appropriate federal, state, and local law.

## PROCESS FOR STUDENT TLOA:

The Program Administrator must approve a student's TLOA. Only students who are in good standing (no current clinical or academic probation) can be granted a TLOA. TLOA must be requested and approved before, or within the current quarter of the absence. Requests for retroactive TLOA will not be approved.

To request a TLOA, a student must:

1. Notify the Program Administrator in writing (i.e. email) intent to request TLOA.
2. Meet personally with the Program Administrator and the Assistant Program Administrator to discuss the reasons for the TLOA (unless medical circumstances prevent).
3. Submit the [MTSA Request for Temporary Leave of Absence](#) form. This form is located on the MTSA website, and must be submitted in writing, signed and dated by student, and include the reason for the student's request. The form will need to be signed by the Program Administrator and the Director of Financial Aid (if student has Title IV loans and needs a financial aid TLOA). A copy of the completely signed form will be given to the Coordinator of Academic Support and the Coordinator of Clinical Support, and kept in the student's permanent file.
4. Following the meeting with the Program Administrator, the student will be notified in writing about the TLOA decision and any requirements for the student's return to the nurse anesthesia program. The Program Administrator will determine requirements for re-entry into the nurse anesthesia program. Requirements for return may include: repeating some courses, extended clinical work, and/or extension of time in the nurse anesthesia program. These requirements will be in writing and signed by the Program Administrator and the student, and a copy will be kept in the student's permanent file. Applicable tuition will be determined by the Office of Financial Aid.

## TYPES OF TLOA:

**Medical/maternity TLOA:** Requests must be accompanied by a statement from a medical doctor explaining why the student must interrupt enrollment. Students granted a medical or maternity TLOA, must have a licensed physician certify in writing that the student's physical and/or mental health is sufficient to continue in the nurse anesthesia

program. This documentation must state the student's condition that necessitated the TLOA has been corrected and the student is able to complete all curriculum requirements with reasonable accommodation; including classroom, simulation, and clinical, before they will be allowed to return to MTSA.

**Military Leave of Absence:** For those being inducted, requests must be accompanied by a copy of military orders indicating the induction date. For students being called to active military service Title 5, Section 40401, provides for an extended leave of absence up to a maximum of two (2) years due to approved educational reasons and for circumstances beyond a student's control. MTSA will approve a TLOA for students called for active military service as a result of mobilization of U.S. military reserves. Students will retain a student position.

## ACADEMIC INTEGRITY POLICY — 5.1.109

**Policy Number: 5.1.109**

Reviewed: 7/13/16

*Revised: 7/13/16*

Any student cheating on any test, exam, quiz, or assignment; who has falsified clinical documents, such as clinical evaluations or any other documentation; falsified signatures; or who has plagiarized any assignment, will be placed on immediate probation, with the recommendation for termination from the program. The case will be heard by the Progressions Committee and the Committee will make a determination of the recommendation for termination.

## POSSESSION OR SHARING OF FACULTY PROPERTY OR MTSA PROPERTY

ALL quiz/test/exam questions/items are the express property of the faculty member who authored them and MTSA, and these questions/items are confidential information.

Any attempt to obtain, retain, re-create, possess, copy/reproduce, distribute, disclosure, transmit, or share of any portion of any quiz/test/exam materials (including portions of compilations of quiz/test/exam questions/items) from any class, by any instructor (whether they teach at MTSA or on any other campus), from any time (whether current or past), by any means (by written, electronic, oral or other form of communication, including but not limited to emailing, copying or printing of electronic files, and reconstruction through memorization/dictation), at any time (before, during, or after any quiz/test/exam), is considered to be cheating and stealing.

Receipt or acceptance of any portion of ANY quiz/test/exam questions/items is considered to be cheating.

After a quiz/test/exam, if a student has a question regarding any quiz/test/exam question/item, he or she must direct such a query only to the designated faculty member(s) responsible for that course (i.e. not to a guest lecturer), as students are prohibited from reviewing any quiz or test materials with MTSA staff members without instructor approval.

Nothing (to include notes and study guides) compiled during one year's class is to be shared in any manner with any other individual or group of individuals in any other year's class.

Any student found to have any such material in his or her possession, or to have participated in any such prohibited activities here identified, will be subject to disciplinary action, up to and including termination.

## STUDENT APPEALS — 5.1.116

**Policy Number: 5.1.116**

Reviewed: 12/20/16, 2/2021

*Revised: 12/20/16, 2/2021 BOT approved*

## APPEAL OF A PROGRESSIONS COMMITTEE DISCIPLINARY ACTION

The disciplinary action of the Progressions Committee may be appealed to the next higher body, the MTSA Appeals Committee. The standard procedure of an appeal is as follows:

1. In all cases, the request for an appeal must be submitted in writing to the Program Administrator within four (4) MTSA business days of written notice of the Progressions Committee decision. If the fourth day falls on a legal or School holiday, the time is extended to the next regular MTSA business day. Regular business days for MTSA are Monday through Thursday.
2. All written documentation from the appellant must be submitted for the Appeals Committee's consideration within the same time provided for filing a request for an appeal (4 MTSA business days). Within 12 MTSA business days of the receipt of a written request for an Appeals Committee hearing, the President will designate an Appeals Committee according to administrative policy of MTSA. The Appeals Committee will meet and make a decision within 12 MTSA business days after the designation of the Appeals Committee. This time may be extended by MTSA administration for good cause.
3. The Appeals Committee will review the request for appeal together with any written documents and other supporting evidence to determine if the appeal presents a substantial question within the scope of review. The scope of review shall be limited to the following:
  - i. **Appropriateness of the Penalty:** In cases appealing the appropriateness of the penalty, the Appeals Committee shall uphold the penalty unless the penalty is shown to be "clearly unreasonable" or arbitrary (i.e., "that which has been clearly and fully proven to have no sound basis or justification in reason.").
  - ii. **New Evidence:** In cases appealed on grounds of new evidence, the student(s) must show that such evidence is material to the decision of the Appeals Committee on issue of the charges and the findings and that said evidence could not have been discovered with due diligence prior to the original hearing.
  - iii. **Due Process:** In cases appealed on grounds of denial of due process, the student(s) must demonstrate that the Progressions Committee's process at the initial hearing was not conducted in conformity with properly prescribed procedures. The student(s) must also show that the alleged discrepancy was materially averse to the student(s) interest.
4. The decision of the Appeals Committee shall be final. Any reconsideration of the decision will be remanded to the Progressions Committee.
5. **Appeal of a Final Course Grade**

MTSA maintains a grade appeal and due process protocol. Students of MTSA have the right to appeal a final course grade they consider to have been assigned unfairly, or the grade was derived in a different manner than was outlined in the course syllabus. The faculty members of MTSA have the responsibility of assigning final course grades according to the course syllabus and grading rubrics. Should a disagreement occur about a grade assignment, it is the intention of MTSA to uphold the integrity of both students and faculty. This appeal process is not intended to weaken the work of the faculty. This grade appeal process does not apply to any dismissal from MTSA related to academic standing.

## APPEAL PROCESS:

1. **Within 5 MTSA business days after posting of final grades:** The student must email a request to meet with the course instructor (to the instructor's MTSA email address), to discuss how the grade was assigned. After this meeting, if the student and faculty member agree the grade was appropriately assigned, the appeal process ends, and the final grade will stand as posted. If the issue is still unresolved, the student may continue to the next step of the grade appeal process.
2. **Within 5 MTSA business days after receiving decision from Instructor:** The student must file the written grade appeal form, (available by electronic request from the Office of Vice President of Academics) supporting documents, and the written decision of the instructor, to the Office of Vice President of Academics. The Office of Vice President of Academics will have five MTSA business days to review the appeal and supporting documents.

The Office of Vice President of Academics may also ask to meet with the student and/or the course instructor for clarification of information, or additional information that may be deemed necessary. The decision of the Office of Vice President of Academics will be emailed (via MTSA email addresses) to the student and course instructor.

If student is not satisfied with the resolution of their appeal, they can request to be heard by the next meeting of the Progressions Committee. If the grade the student received causes dismissal from the program, an ad hoc Progressions Committee may be requested.

## STUDENT PROGRESSIONS

### ACADEMIC AND CLINICAL PROGRESSION

Advancement of each student to the next higher level of anesthesia training and responsibility is made by recommendations from the Progressions Committee per semester.

In order to receive an unencumbered recommendation for academic progression, the student must meet the conditions of the [Grading Policy 5.4.108](#). MTSA expects graduate students to:

- Maintain graduate level coursework at a minimum earned grade of B
- Maintain a minimum overall academic cumulative GPA of 3.0
- Expect dismissal for earning a failing course grade, second "C" in any course, or third probation

In order to receive an unencumbered recommendation for clinical progression, the student must meet the conditions of the [Policy of MTSA Clinical Standards 5.4.103](#). MTSA expects graduate students to:

- Complete all clinical objectives for the current level for advancement to the next level
- Receive satisfactory clinical evaluations
- Keep current multi-state Tennessee Nursing License or Nurse Licensure Compact (NLC) or enhanced Nurse Licensure Compact (eNLC) nursing license on file at MTSA
- Obtain any other nursing license in timely manner for additional out of state rotations

## DISCIPLINARY ACTIONS

### ADMINISTRATIVE RESPONSIBILITY TO DISCIPLINARY ACTIONS

In accordance with School policy, By-Laws, and Board of Trustees actions, the Program Administrator, who is the chief disciplinary officer, delegates the supervision of student disciplinary actions to the Progressions Committee, the NAP Council, and the President's Council. Actions that may be taken by the Program Administrator prior to presentation to the Progressions Committee include verbal counseling, disciplinary warning, remediation, probation, suspension, and loss of privilege. Recommendations and actions taken by the Progressions Committee may be subject to review by the NAP Council and/or the President's Council, prior to going to the Appeals Committee.

The Program Administrator, administrative officers, faculty, and staff are responsible for working with students to encourage compliance with all School policies and the Standards of Conduct.

### PROGRESSIONS COMMITTEE

The MTSA Progressions Committee is an ongoing committee which meets regularly to determine students' progress within the program. When the Progressions Committee meets to discuss specific issues that involve individual student(s), the individual student(s) will be invited to speak to the Progressions Committee regarding the issue before a decision is rendered. The individual student(s) are invited to speak to the Progressions Committee, but the student(s) are not permitted to invite others to attend. The NAP Council is responsible for implementation and

monitoring of any remedial and/or punitive actions. If the student(s) is (are) not satisfied with the decision of the Progressions Committee and/or the NAP Council or President's Council, the student(s) may request a formal hearing by the MTSA Appeals Committee.

## ACTIONS WHICH MAY BE RECOMMENDED BY PROGRESSIONS COMMITTEE

The following actions may be recommended by this committee and may not apply to all programs.

### LOSS OF PRIVILEGE

These penalties are intended to serve as reminders of operating regulations and are for specific periods of time. Such penalties may include loss of scholarship, loss of right to participate in certain School activities, loss of privilege of use of facilities, etc.

### DISCIPLINARY WARNING

Disciplinary warnings are used for minor infractions. A warning indicates that further violations will result in more severe disciplinary actions. Warnings will be issued to a student in written form. A written warning, once issued, will be placed on the permanent file of the student. A student may petition the Warning to the NAP Council for documented situations, such as sickness or family issues.

### PROBATION

Probation means that a student is permitted to remain at the School or clinical affiliate on a probationary status. If a student is found responsible for a similar violation during probation, the student may be suspended or dismissed. Other conditions of probation are specific to the individual case and may include loss of eligibility to serve on School committees or participate in specified School activities. Any probation for any cause will be reflected on the permanent transcript. Students who are placed on any type of probation greater than two (2) times will be dismissed from the PD program. An active vote to carry probation over to another term will count as an additional probation. Students' clinical probationary status will be made known to the affiliates' clinical coordinators where the student is scheduled to affiliate.

***ANY probationary period, regardless of the type of or reason for the probation, may negatively affect a student's eligibility to receive federal financial assistance.***

### INDEFINITE SUSPENSION

Indefinite suspension means that no specific date has been recommended for readmission of the suspended student. This penalty is used when the prognosis of rehabilitation is uncertain, and the Progressions Committee and/or the NAP or President's Council desires that some additional evidence of rehabilitation be presented by the student prior to readmission to the School. Applications for readmission shall be considered by the Admissions Committee, with consultation from the Progressions Committee and the NAP and/or President's Council.

### PERMANENT DISMISSAL/TERMINATION

Permanent dismissal means that a student is permanently barred from readmission to the School. This penalty is used when the violation of one or more of the Standards of Conduct is deemed so serious as to warrant a total and permanent disassociation from the School community.

## ACADEMIC ISSUES

Advancement of each DNAP CRNA completion program student to the next higher level or semester occurs at intervals at the end of each semester upon faculty members' verification of the student's successful completion of each semester's course requirements. In order to progress unencumbered to the next higher level or semester, the student must meet the following conditions:

- MTSA expects that all DNAP level coursework should result in a minimum earned grade of "B".
- Students will automatically be dismissed from the program for receiving a failing course grade for any course. Failing is defined as any grade below 80%.

## GENERAL ISSUES

- A student may be placed on a general probation for other issues, such as if conduct or health fails to meet acceptable levels. General probation may be at the recommendation of the Capstone Committee to the Progressions Committee or the Progressions Committee independently. The duration of probation is determined by the Progressions Committee and is expected to be one semester. Upon completion of the probationary period, the student may be restored to full student standing, have probation continued (duration is at the discretion of the Progressions Committee), or, in extreme cases, be dismissed from the program.
- Students receive certain penalties for late documentation. If documentation is not submitted as indicated, the student will not receive a diploma until all documentation is completed.
- A student may be placed on suspension if conduct in any area fails to meet acceptable levels, to include plagiarism or cheating in any form. The duration of the suspension will be determined by the Progressions Committee. Upon completion of the suspended period, the student may be restored to full standing with no probation, or allowed to re-enter the program and placed on probation for a duration that will be determined by the Progressions Committee.
- Disciplinary actions for violations of the standards of academic or personal conduct shall include, but not be limited to, the following or any combination thereof: written disciplinary warning, probation, suspension (including suspensions from classes), and termination from the School.

## DISCIPLINE/PENALTY RELATED ISSUES

The discipline/penalty related issues addressed in this section are applicable whether the issue is academic or general/other in nature.

- In extreme cases, a student may be dismissed from the program without probation or suspension.
- Students who are required to spend an extended time in the program will be charged for the extension.
- When the Progressions Committee meets to discuss specific issues that involve individual students, the individual student(s) directly involved will be invited to speak to the issue before rendering a decision. The individual student(s) directly involved are invited to speak to the Progressions Committee, but the student(s) are not permitted to invite others to attend. Should students not agree with this decision, they may appeal the issue to the Appeals Committee.
- There may be times the Progressions Committee, in its discussion of students' performance in general, determines that an action should be taken related to individual students. Upon notification of the decision, any students who feel extenuating circumstances existed which may have impacted on any decision of the Progressions Committee, and were unable to speak on their own behalf before the original decision was rendered, may give a written request to the Progressions Committee to speak on their own behalf to appeal the decision. The Progressions Committee will meet to allow a student to speak to the issue. (The student is not

permitted to invite others to attend.) The Progressions Committee may decide to alter its original decision or to stand by it. Should a student still not be in agreement with the final decision, the student may address the issue to the Appeals Committee.

- Students must give written notice to the Program Administrator if they desire to have a decision heard by the Appeals Committee. The Program Administrator will assemble an Appeals Committee according to administrative policy. The Appeals Committee has the right to review the entire issue and may support the Progressions Committee's action or may render a decision that may be more lenient or more severe. The student and Progressions Committee are expected to abide by the decision of the Appeals Committee.
- Upon completion of a probationary period, the student's situation will be reviewed by the Progressions Committee and his or her status determined.
- Students who are placed on ANY type of probation greater than one (1) time will be dismissed from the program.
- Any probationary period, regardless of the type of probation or the reason for the probation, will be reflected in the student's permanent file.
- Any probationary period, regardless of the type of or reason for the probation, may negatively affect a student's eligibility to receive financial assistance.
- Students have the right to appeal decisions of the Progressions Committee by following the MTSA appeal process (*see Appeals Process*).

## EVALUATING AND AWARDING ACADEMIC CREDIT POLICY PRACTICE DOCTORATE PROGRAM (FORMERLY TRANSFER POLICY) — 5.4.105

**Policy Number: 5.4.105**

Reviewed: 1/5/17, 8/2018, 6/2022

*Revised: 1/2017, 8/6/2018, 6/22/2022, BOT approved 8/29/2022*

Due to the single purpose, lock step nature, anesthesia-focused educational curricula that MTSA offers, transfer credit will only be accepted for students to the DNAP-PD MTSA/Kettering College Joint Academic Award program from Kettering College for designated courses taught by Kettering College.

In the rare instance that a student applies to transfer into the DNAP Completion program from another DNAP completion program, MTSA would allow that applicant to petition the NAP Council for consideration of transfer of up to six (6) hours of academic credit for courses that are determined to be identical in overall student learning outcomes.

## STUDENT GRADING POLICY — 5.4.108

**Policy Number: 5.4.108**

Reviewed: 2/12/10/22/19, 10/2020, 1/18/2022

*Revised: 12/12/17, 10/22/19, 10/2020, 2/21, 1/22*

Advancement of each student to the next semester is made by the Progressions Committee, with faculty recommendation, at the end of each semester.

**PD:** Students can view their final grades for each semester anytime by visiting the transcript section of the CAMS Student Portal <https://student.mtsa.edu/>.

**The MTSA Grading Scale is based on the following 4.0 grading system:**

A =	90-100%	(4.0 Quality Points)
B =	80-89%	(3.0 Quality Points)

C =	70-79%	(2.0 Quality Points)
F =	Below 70%	(0.0 – Failing)
I =	Incomplete	<i>See Grade of Incomplete below</i>
W =	Withdrew	<i>See Grade of Withdrew below</i>
WF=	Withdrew Failing	<i>See Grade of Withdrew Failing below</i>
T=	Terminated	<i>See Terminated below</i>

*(There is no grade of “D” in the program)*

## ACADEMIC GRADES

MTSA expects that all graduate level coursework should result in a minimum earned grade of “B”. The first earned grade between 70-79% (C) will require a scheduled meeting with the Program Administrator to discuss the student’s performance. A grade of “C” will also lead to an automatic academic probation. The second earned “C” in a course will result in dismissal from the program.

MTSA requires students to maintain a minimum overall academic cumulative GPA of 3.0 for both graduation and good academic standing. A student who falls below an academic cumulative GPA of 3.0 will be placed on academic/clinical probation. The student will have one (1) semester to improve the academic cumulative GPA to 3.0 or greater to be removed from probation. If the student fails to improve his or her GPA to 3.0 or greater during the following semester, they will be dismissed from the program.

Students will automatically be dismissed from the program for receiving a failing course grade in any course. Failing is defined as any grade below 70%.

Students have the right to appeal decisions of the Progressions Committee by filing an appeal with the Appeals Committee.

## CLINICAL GRADES

Clinical grades are recorded from each of the MTSA approved Clinical Coordinators. The grade for each semester is an average of all of the grades from the clinical sites attended for that semester.

MTSA requires completion of 75% of student daily clinical evaluations (as described in MTSA Clinical Standards Policy). Failure to submit at least 75% will result in a 5-point deduction from the final clinical grade.

A =	90-100%	
B =	80-89%	
C =	70-79%	Clinical Probation
F =	Below 70%	Clinical Probation / possible dismissal
I =	Incomplete	<i>See Grade of Incomplete below</i>
NR=	Not Reported	<i>See Grade of Not Reported below</i>
W =	Withdrew	<i>See Grade of Withdrew below</i>
WF=	Withdrew Failing	<i>See Grade of Withdrew Failing below</i>
T=	Terminated	<i>See Terminated below</i>



Any student who earns a C for a **single clinical rotation** of 4 weeks or longer will be required to meet with the Program Administrator for determination of a remediation plan and will be placed on clinical probation for a length of time determined by the Program Administrator. The student will also be referred to the Progressions Committee for further review. A second clinical probation will lead to immediate dismissal from the program.

Any student who earns a C for the **semester clinical grade** will be placed on Academic Probation. The length of the probation will be determined by the Program Administrator, as well as any remediation plan.

Any failure of a clinical rotation will be reviewed by the Program Administrator or Progressions Committee for determination of remediation, or up to and including dismissal from the program. If the student remains in the program, the student will be placed on clinical probation for a length determined by the Program Administrator. Any failed clinical rotation will be repeated and must be successfully completed (grade of B or greater) prior to degree conferral.

### Notice of Placement on Academic/Clinical Probation

If it is deemed by the Program Administrator or the Progressions Council that the student will be on probation due to clinical or academic issues, the student will be notified in the following ways:

1. The student will have a face-to-face meeting with the Program Administrator or Vice President of Academics;
2. An e-mail with "read-receipt" will be sent to the student's @mtsa.edu e-mail address documenting the probation decision
3. A certified letter will be sent with the decision through the United States Postal Service to the current address that the student has on file.

## GRADE OF INCOMPLETE (I)

If a student is unable to meet all the requirements of a course by the end of the semester because of circumstances beyond his or her control, a temporary grade of Incomplete (I) may be awarded by an instructor, at the instructor's discretion. An incomplete grade requires written understanding between the instructor and student acknowledging when the course will be completed, in the form of the completed Incomplete Contract.

To be awarded an Incomplete grade, the Incomplete Contract must be signed by the student, instructor, and Program Director and submitted to the Registrar's office by the last day of the semester. The maximum time limit for submission of all course work necessary for removal of an incomplete is the end of the last day of classes of the following semester in which the incomplete was incurred (i.e. an incomplete awarded in the 2<sup>nd</sup> semester must be converted by the last day of classes in the 3<sup>rd</sup> semester). If the time limit passes and the course is not completed, an unremoved grade of incomplete is changed automatically to a failing grade. Any failing grade will result in termination from the program. A grade of incomplete is not calculated in the grade point average. No student may graduate with an Incomplete on their transcript.

## EXTENSION OF INCOMPLETE GRADE

For justifiable reasons, students may petition to extend the 'I' grade past the end of the deadline listed on the contract. Extensions require a new Incomplete Contract. Requests for extensions must be approved prior to the deadline, and the extension cannot be made retroactively.

**Special Circumstances:** the completion of the doctoral scholarly project may stand as incomplete through the Integrated Application of Evidence-Based Practice course series.

## GRADE OF NOT REPORTED (NR)

This designation of "Not Reported" is given at the end of the semester to courses only when no other grade has been reported. This grade is not included in a student's GPA calculations.

If an instructor does not enter grades for a student before the grade entry deadline, the Registrar's office will post a temporary grade of NR (Not Reported). Once a letter grade is entered, the NR grade will be replaced with the corrected grade as submitted by the instructor.

## WITHDRAWING FROM A COURSE

Students may drop a course within the first 72 hours of the semester with no grade.

## GRADE OF WITHDREW (W)

Students wishing to withdraw from a course after the first 72 hours will either receive a grade of "W" or "WF." To receive a W grade, a student must drop didactic the course within the first 60% of the semester, or 60% of the clinical semester. A "W" grade does not impact a student's GPA.

## GRADE OF WITHDREW FAILING (WF)

Students wishing to withdraw from a clinical or didactic course after the deadline to withdraw with a "W" grade (see above) will receive a grade of "WF." A WF grade is calculated into a student's GPA as a failing grade (F).

## TERMINATED (T)

An administratively terminated student is issued a final grade of "T" for all courses in which he/she is currently enrolled, and the termination is noted on the student's transcript.

## STUDENT RECORDS/TRANSCRIPT REQUESTS

The purpose of the MTSA Registrar's Office is to serve as custodian of student academic and clinical records. This office provides verification of enrollment or graduation upon request by students and alumni. All requests for verifications, transcripts, and/or letters of reference should be submitted IN WRITING to the Academic Support Specialist who is responsible for such records.

Transcript request information is located on the MTSA website in the Alumni section or can be accessed via this link (<https://mtsa.edu/alumni/transcript-requests/>).

To request a copy of your transcript, complete the [Transcript Request Form](#) and return it to Registrar's Office at MTSA via email ([verifications@mtsa.edu](mailto:verifications@mtsa.edu)), fax, or mail as stated on the form. Students and alumni can also request an [electronic copy of their MTSA transcript](#) through the National Student Clearinghouse.

## GENERAL SCHOOL POLICIES

### NONDISCRIMINATORY POLICY — 3.2.104

Policy Number: 3.2.104

Reviewed: 7/13/16, 9/23/2019, 1/18/2022

Revised: 7/13/16, 1/18/2022

MTSA admits students without regard to race, color, sex, age, disability, marital status, full- or half-time status, religion, sexual orientation, gender identity, or national origin to all the rights, privileges, programs, and activities generally

accorded or made available to students at the School. MTSA does not discriminate on the basis of race, color, sex, age, disability, marital status, full- or half-time status, religion, sexual orientation, gender identity, or national origin in administration of its educational policies, admission policies, grant and loan programs, or any other School-administered programs. The School will make reasonable accommodation wherever necessary for all applicants with disabilities, provided that the individual is otherwise qualified to safely perform the duties and assignments connected with requirements of the curriculum.

## DISCRIMINATION/HARASSMENT — 3.2.303

**Policy Number: 3.2.303**

Reviewed: 2000, 2003, 2007, 2009, 2016

*Revised: 3/12, 6/16*

Discrimination/Harassment will not be tolerated. Employees and students at MTSA shall be provided a work and learning environment free of discrimination/harassment per the MTSA Nondiscriminatory Policy. It shall be a violation of this policy for any employee or any student to discriminate against or harass an employee or student through disparaging conduct or communication that is inherently discriminatory. The basis of these complaints may arise, but not be limited to, the following provisions of law:

- Title II of the Americans with Disabilities Act, 42 U.S.C. §12101 et seq.;
- Title VII of the Code of Federal Regulations; 29 CFR §1604.11;
- Title IX of the Education Amendments of 1972, 20 U.S.C. § 1681, et seq.;
- Section 504 of the Rehabilitation Act of 1973, 29 U.S.C. § 791 et seq.;
- Claims of sexual harassment under Title VII of the Civil Rights Act of 1964, 42 U.S.C. § 2000e et seq.

The following situations are examples of when employees and students should report possible discrimination / harassment to the Title IX Coordinator:

- Unreasonably interferes with the individual's work or performance;
- Feels intimidated, hostility or an offensive work environment;
- Explicit or implicit term threats to terms of employment or academic success;
- Encounters submission to or rejection of sexual conduct will be used as a basis for decisions affecting the harassed employee or student.

Alleged victims of sexual, racial, ethnic, sexual orientation, or religious discrimination/ harassment shall report these incidents immediately if they believe their rights as guaranteed by the State or Federal Constitution, State or Federal laws or School policies have been violated. This report should be made in writing to the Title IX Coordinator, except when the Title IX Coordinator is the offending party. If the Title IX Coordinator is the offending party, the report shall be made to the President of MTSA. All allegations of discrimination/harassment shall be reported in writing to and fully investigated by the office of the Title IX Coordinator or the President, as appropriate.

Reports should be addressed to:

Title IX Coordinator

Middle Tennessee School of Anesthesia

PO Box 417

Madison, TN 37116

[titleIXcoordinator@mtsa.edu](mailto:titleIXcoordinator@mtsa.edu)

An oral complaint may be submitted; however, such complaint shall be reduced to writing to insure a more complete investigation. The complaint should include the following:

- Identity of the alleged victim and person accused;
- Location, date, time and circumstances surrounding the alleged incident;
- Description of what happened;
- Identity of witnesses (if any); and
- Any other evidence available.

A substantiated charge against an employee shall result in disciplinary action up to and including termination. A substantiated charge against a student may result in corrective or disciplinary action up to and including removal from the School.

There will be no retaliation against any such person who reports discrimination/harassment or participates in an investigation. However, any employee/student who refuses to cooperate or who gives false information during the course of any investigation may be subject to disciplinary action. The willful filing of a false report shall itself be treated as a violation of this policy and shall result in severe repercussions to the maker of the report.

## INVESTIGATION PROCEDURES

The privacy and anonymity of all parties and witnesses to complaints will be respected. The complaint and identity of the complaining party shall not be disclosed except (1) as required by law or this policy; or (2) as necessary to fully investigate the complaint; or (3) as authorized by the complaining party. However, because an individual's need for confidentiality must be balanced with obligations to cooperate with police investigations, legal proceedings, to provide due process to the accused, to conduct a thorough investigation, or to take necessary action to resolve a complaint, the identity of parties and witnesses may be disclosed. This will occur only in appropriate circumstances and only to individuals deemed necessary to possess such knowledge.

The Title IX Coordinator, or a designated complaint manager appointed by them, shall address the complaint of discrimination/harassment promptly and equitably. The person conducting the complaint investigation shall file a written report within ten (10) MTSA business days with the

Title IX Coordinator. After receipt of the report from the person conducting the investigation, the Title IX Coordinator of MTSA, or the President, as appropriate, shall render a written decision within ten (10) MTSA business days.

## COMPUTER AND NETWORK USE — 3.3.101

**Policy Number: 3.3.101**

Reviewed: 12/2013

*Revised: 11/28/11, 8/31/17, 3/13/19, 9/21, BOT Approved 11/21*

### PURPOSE

Middle Tennessee School of Anesthesia (MTSA) provides computing, networking, and information services to all students, faculty, and staff. As this system often holds confidential, sensitive, and privileged information, MTSA expects all users to operate and maintain a secure environment, and to protect the system from misuse, unauthorized access, and potential corruption of the network infrastructure.

This policy applies to both school provided and personal devices that have interaction both internally and externally via the MTSA shared network, school provided e-mail accounts, school related software program/app, social media, and internet.

## USER RIGHTS AND RESPONSIBILITIES

MTSA computers and networks can provide access to resources on and off campus, as well as the ability to communicate with other users worldwide. Such access is a privilege and requires that individual users act responsibly. Users must respect the rights of other users, respect the integrity of the systems and related physical resources, and observe all relevant laws, regulations, and contractual obligations.

## MISUSE

Users will be held accountable for their conduct under current MTSA policies. Complaints alleging misuse of computing, networking, or information resources may result in the restriction of computing privileges and/or other internal disciplinary actions. Additionally, misuse can be prosecuted under applicable statutes. Reproduction or distribution of copyrighted works, including, but not limited to, images, text, or software, without permission of the owner is an infringement of U.S. Copyright Law and is subject to civil damages and criminal penalties including fines and imprisonment.

Examples of misuse include, but are not limited to, the activities in the following list:

- Using a computer account that you are not authorized to use. Obtaining a password for a computer account without the consent of the account owner.
- Using the Campus Network to gain unauthorized access to any computer systems.
- Knowingly performing an act which will interfere with the normal operation of computers, terminals, peripherals, or networks.
- Knowingly running or installing on any computer system or network, or giving to another user, a program intended to damage or to place excessive load on a computer system or network. This includes but is not limited to programs known as computer viruses, Trojan horses, and worms.
- Attempting to circumvent data protection schemes or uncover security loopholes.
- Violating terms of applicable software licensing agreements or copyright laws.
- Deliberately wasting computing resources.
- Using electronic mail to harass others (see *Computer Based Discrimination/Harassment* below).
- Masking the identity of an account or machine.
- Posting materials on electronic bulletin boards that violate existing laws or the University's codes of conduct.
- Attempting to monitor or tamper with another user's electronic communications, or reading, copying, changing, or deleting another user's files or software without the explicit agreement of the owner.

To report misuse of MTSA electronic resources, submit written communication to your immediate supervisor or the Director of IT.

## ELECTRONIC BASED DISCRIMINATION/HARASSMENT

As per MTSA's *Discrimination/Harassment Policy* "It shall be a violation of this policy for any employee or any student to discriminate against or harass an employee or student through disparaging conduct or communication that is inherently discriminatory". This includes, but is not limited to, discrimination in regards to race, color, sex, age, disability, marital status, full or part-time status, religion, sexual orientation, gender identity, or national origin (see *Nondiscrimination Policy*).

This policy covers employee and student communication using MTSA issued e-mail (sent by or received to), school-based online programs/apps, and all employee and student social media accounts during their tenure when used as a representative of MTSA.

To report the misuse of MTSA electronic resources in relation to possible discrimination/harassment, a complaint may be submitted either orally, in writing, or electronically to the MTSA Title IX Coordinator ([titleIXcoordinator@mtsa.edu](mailto:titleIXcoordinator@mtsa.edu)).

## MTSA SHARED NETWORK

The MTSA shared network is for staff and faculty use only. Permission to access files on the shared network will be requested for staff and faculty by administration. Requests will be sent to the MTSA IT Department. Requests for access will be approved after consideration of HIPAA and FERPA regulations related to the sharing of privileged information in the requested files (see [Release of Student Record Information](#) & [Stakeholder's Rights](#)).

At no time shall the following types of files be stored on the shared network: personal photos, music, videos, files that contain harmful components including malware, spyware, viruses, and/or tracking programs, pornography, or anything deemed harmful or illegal. The MTSA IT Department may access user files as required to protect the integrity of computer systems. For example, following organizational guidelines, IT may access or examine files or accounts that are suspected of unauthorized use or misuse, or that have been corrupted or damaged.

## MTSA ISSUED E-MAIL ADDRESSES

MTSA currently issues each staff, faculty, and student an official MTSA e-mail account. This e-mail account is considered the official line of communication between these parties, as well as official MTSA communication outside of the school. This e-mail is not for personal use and is considered the property of MTSA.

This account is kept and maintained by the MTSA IT Department and is not considered a secure e-mail account to send privileged information across unless such attachments are encrypted or password protected.

If there is suspected abuse/neglect of MTSA issued e-mail accounts, MTSA IT can access any MTSA e-mail account with a written request from the Executive Committee and Director of IT to review and retrieve e-mails in relation to the claim. At least one-half of the Executive Committee must approve this request. These e-mails will then be shared with the Executive Committee and Director of IT and may result in disciplinary action by Progressions Committee for students and the Executive Committee for employees.

E-mail accounts converted to Alumni status after a student graduates from MTSA. E-mail accounts will be deleted one (1) week after students are dismissed from the program. Students are responsible for notifying their contacts and carrying their contact list over to a personal e-mail before deletion. No information will be kept from deleted accounts unless an e-mail is preserved as a PDF in the student permanent file.

E-mail accounts will be deleted 90 days after a staff, faculty, or administrative member leaves the employ of MTSA. The departing member is responsible for notifying their contacts and carrying their contact list over to a personal e-mail before deletion.

## MTSA WEBSITE & SOCIAL MEDIA

MTSA has a website ([www.mtsa.edu](http://www.mtsa.edu)) that is maintained by the Office of Advancement & Alumni. Content to be posted to the website must be submitted to this office.

MTSA maintains school accounts on various social media platforms and will evaluate representation for the school on new platforms as they emerge. These accounts are also maintained by the Office of Advancement & Alumni, as well as the MTSA IT Department.

All policies, procedures, and guidelines regarding university trademarks, names, and symbols apply to the website and social media sites. The Department of Advancement & Alumni can offer guidance about how to properly use names, logos, etc., to resolve branding and copyright/trademark issues in these venues. MTSA does not permit explicit or implied institutional endorsements of any kind through use of its name, trademarks, logos, or images – including pictures of campus buildings.

MTSA does not prescreen content posted by third-person parties to social media sites, but it shall have the right to remove, in its sole discretion, any content that it considers to violate MTSA policies. MTSA does not endorse or take responsibility for content posted by third parties. MTSA, through the Department of Advancement & Alumni, will work to correct inaccuracies on MTSA sites by responding with correct, factual information and including source citations (links, video, contact information, etc.) when appropriate.

Acceptable content may be positive or negative in context to the conversation, regardless of whether it is favorable or unfavorable to MTSA. However, language that is illegal, obscene, defamatory, threatening, infringing of intellectual property rights, invasive of privacy, profane, libelous, harassing, abusive, hateful or embarrassing to any person or entity, or otherwise injurious or objectionable is unacceptable and shall be removed. MTSA will not tolerate content that infringes on proprietary information, or that is defamatory, pornographic, harassing, libelous or inhospitable to a reasonable work environment or not in harmony with the School's mission, vision, and core values.

## PENALTIES

Abuse or misuse of MTSA computers, network, information services may not only be a violation of this policy or user responsibility, but it may also violate the criminal statutes. Therefore, MTSA will take appropriate action in response to alleged user abuse or misuse claims. Action may include, but not necessarily be limited to:

- suspension or revocation of computing privileges. Access to all computing facilities and systems can, may, or will be denied;
- reimbursement to the School for resources consumed;
- other legal action including action to recover damages;
- referral to law enforcement authorities;
- computer users (faculty, staff and/or students) will be referred to the appropriate office/committee for disciplinary action.

In connection with inquiries into possible abuses or misuse, MTSA reserves the right to examine files, programs, passwords, information, public website/social media posts, printouts or other material without notice.

## SABBATH (SATURDAY) SCHEDULING — 3.3.109

**Policy Number: 3.3.109**

Reviewed: 2000, 2007, 2013, 2022

*Revised: 1998, 2003, 2007, 3/1/12, 1/5/17, 5/15/18, 6/28/2022, BOT approved 8/29/2022*

MTSA is currently independently operated and owns the property and buildings that house the School. In accordance with the Seventh-day Adventist history, as well as the history and mission of the school, the original policies of the School relative to Sabbath are the policies of the School today. They have been redefined to inform students and clinical facilities of the expectations of the School relative to Sabbath observance.

## ACADEMIC AREA

Neither the Middle Tennessee School of Anesthesia nor any of its faculty will schedule any academic class between sundown Friday until after sundown Saturday. It is recognized that not all students will choose Saturday as the day of worship. Accommodation will be made for classes that are scheduled outside of normal MTSA operating hours if attendance would violate or interrupt a student's normal religious observance. The accommodation may vary but may include video captured lectures for students to review at another time or makeup coursework assigned by the faculty of record.

On occasion MTSA will expect students to attend one day of a local weekend conference organized by the Tennessee Association of Nurse Anesthetists or the American Association of Nurse Anesthesiology. Students may choose the day they attend, either Saturday or Sunday.

## CLINICAL AREA

Clinical affiliations have evolved over the years to support the clinical needs of the program. It is not the intent of MTSA to control whether or not an affiliate hospital schedules elective surgery on weekends. However, the Middle Tennessee School of Anesthesia supports the choice of the student. Students are expected to do elective and call cases Monday through Friday and to take call for emergency cases on weekends as assigned. Should any student choose not to participate in call on a specified day due to religious convictions, MTSA will accommodate this student's request. A statement of religious observation from the student's current religious leader may also be requested. It should be noted that a student may have to complete clinical duties on extra weekend call shifts to accommodate their request. This is not punitive in nature but may occur due to schedule changes to accommodate the request.

## STAKEHOLDERS' RIGHTS — 3.3.112

Policy Number: 3.3.112

Reviewed: 3/12, 7/13

Revised: 7/12, 8/17

### ACCREDITING AGENCIES' RIGHTS

Each accrediting agency with which MTSA has interaction shall expect that MTSA will be open and honest in its presentation of the School. It is expected that the administration will operate the School with the highest level of integrity, performance, and quality, so the accrediting agency and the public which the School serves shall have confidence in its operations.

### AFFILIATING INSTITUTIONS' RIGHTS

MTSA maintains many clinical affiliations. Each affiliate site should expect that MTSA will solicit and maintain licensure information, and a pertinent health history on each student such as current TB skin tests and relevant immunizations. Affiliates shall expect that MTSA will instruct its students as to maintaining the privacy of health information of its patients. They shall expect that MTSA will provide basic safety instruction and an orientation related to anesthesia practice, and that MTSA will provide information regarding the outcomes expectations of students at each level.

### FACULTY AND STAFF MEMBERS' RIGHTS

Members of the MTSA administration, staff and faculty shall have academic freedom in teaching. This group shall be able to speak, write or act as citizens without institutional censorship or discipline, providing such actions are in harmony with the MTSA Mission, Vision, Values and Goals as found in the *MTSA Administrative Manual*.

Additionally, administration, staff and faculty must understand that as persons of learning and educational representatives of MTSA, they must remember the public may judge their professions and the institution by their words and acts.

While off campus, yet representing the School (i.e., conventions, seminars, etc.), at all times, administration, staff and faculty should be accurate and show respect for the opinions of others, while abiding by MTSA standards and policies. Special care should be given when personal opinion is shared that may conflict with MTSA standards and/or policies and procedures.



MTSA faculty and staff have the right to be treated with respect by each student, and the student will be held accountable for doing so. Digressions may be reported to, with possible hearing by, the Progressions Committee and/or the President's Council.

Faculty and staff have a right to the grievance and due process protocol, as listed in the

*MTSA Administrative Manual and Faculty Handbook.*

## PATIENTS' RIGHTS

Patients have a right to be cared for with the utmost respect by nurse anesthesia students as they are specializing in anesthesia. They should expect that the quality of care will reflect the scope and standards for nurse anesthesia practice, and abide by HIPAA regulations.

Doctoral students that are utilizing any patients or subjects in the course of their scholarly projects must have their project approved by the institutional review board (IRB).

## APPLICANTS' RIGHTS

Applicants have a right to expect that MTSA will follow the most current edition of the *MTSA Student Handbook* related to admission requirements and processes for the program in which they are interested, with the understanding that there will be updates and revisions at least annually.

## STUDENTS' RIGHTS

Students have a right to expect that MTSA will treat them with respect and will abide by the standards set forth in the most current edition of the *MTSA Student Handbook* applicable to their program of study. Students have the right to a grievance process as described in policy 5.1.102: Students' Rights: Complaints/Grievances.

## ANNUAL SECURITY REPORT AVAILABILITY — 3.3.113

**Policy Number: 3.3.113**

Reviewed: 3/12, 5/2020

*Revised: 7/16, 5/2020 BOT approved 8/2020*

Annually, MTSA collects and submits the crime statistics from the Annual Security Report to the Secretary of Education to comply with the Clery Act. The Annual Security Report includes statistics for the previous three years concerning reported crimes that occurred on campus and on public property immediately adjacent to the campus. The statistics are collected from the Campus Security Authorities and the Metro Nashville Police Department. The report also includes institutional policies concerning campus security, such as policies concerning sexual assault, and other matters. A paper or electronic copy of the Annual Security Report may be obtained by contacting the Office of Vice President of Academics (888-353-6872) or at <http://www.mtsa.edu>.

The Annual Security Report is distributed to the campus community via email annually by October 1st each year.

## STUDENT COMPLAINTS/GRIEVANCES POLICY — 5.1.102

**Policy Number: 5.1.102**

Reviewed: 8/6/18, 8/2019

*Revised: 3/14, 4/15, 7/13/16, 8/18, 8/19, 9/21, BOT Approved 11/21*

Students have a right to expect that MTSA will treat them with respect, and will abide by the standards set forth in the most current edition of the program's MTSA Catalog & Student Handbook.

MTSA encourages and welcomes feedback on aspects of its operation. It recognizes the rights of students to express dissatisfaction or make formal complaints about processes or services provided by MTSA. Grievances are formal complaints brought by a student regarding MTSA's provision of education and academic services affecting their role as a student. A grievance must be based on a claimed violation of a MTSA rule, policy, or established practice. This policy does not limit MTSA's right to change rules, policies, or practices.

The three categories for grievances are as follows: Complaints, Discrimination / Harassment allegations, and an Appeal of a Committee Decision (such as Progressions Committee or NAP Council)

## HOW TO FILE AN INFORMAL COMPLAINT

As a first step, MTSA offers students an informal process to lodge a concern or suggestion. This process allows students to provide MTSA with information or suggestions relating to processes or services provided.

**Step 1:** Student raises concern regarding a particular service or process with the relevant faculty, staff member, or brings item to the School Life Committee (SLC) to be heard.

**Step 2:** Faculty, staff member, or SLC will listen or consider the concern

**Step 3:** Faculty, staff member, or SLC explores options/implications of resolving the issue, i.e. No action is deemed appropriate

Lodging a suggestion letter to the Vice President of Academics

Advising the student to lodge a Formal Written Complaint

## GROUNDINGS FOR A FORMAL COMPLAINT

A student has the right to file a complaint. This MTSA Student Complaint/Grievance Policy is for all issues in which the student believes he has been adversely affected. Examples may include:

Improper, irregular, or negligent conduct against a student by a faculty or staff member of MTSA; Failure to adhere to appropriate or relevant published MTSA policies and procedures;

A decision made without sufficient consideration of facts, evidence or circumstances of specific relevance to the student;

A penalty, where applied, is considered too harsh;

Failure by MTSA to make a decision within a timely manner, reasonable to the complaint.

## HOW TO FILE A FORMAL WRITTEN COMPLAINT

A complaint must be submitted in writing to the MTSA Vice President of Academics using the Student Complaint form, available on the MTSA website or through the Office of Vice President of Academics, identifying the student grievant, the respondent individual(s) involved, the incident, the rule/policy/established practice claimed to be violated, and a brief statement of the redress sought. Upon submission of a written complaint, the Vice President of Academics will provide the student grievant with written acknowledgement of receipt of the complaint via e- mail, as well as a more detailed outline of the process.

Complaints should be addressed to:

Office of Vice President of Academics  
Middle Tennessee School of Anesthesia  
P.O. Box 417  
Madison, TN 37116

## WITHDRAWAL OF COMPLAINT

A student may at any time during the complaints resolution process withdraw a complaint. This is done by putting their intent to withdraw an informal or formal complaint in writing and forwarding it to the Office of Vice President of Academics.

## APPEAL OF A COMMITTEE DECISION

Students who are not satisfied with the decisions of the Progressions Committee can appeal those decisions to the Appeals Committee, the highest appellate body in the School. The Appeals Committee has the right to review the entire issue, and may support the Progressions Committee's action or return it to the Progressions Committee for further review.

## STUDENT COUNSELING POLICY — 5.1.105

**Policy Number: 5.1.105**

*Reviewed: 3/14, 7/18, 8/18*

*Revised: 3/12, 4/14, 7/13/16, 8/6/18*

In accordance with MTSA's mission and core values, MTSA believes students should strive to achieve a healthy & balanced life. MTSA also believes that at times counseling may be needed to help students readjust to the stressful environment and changing lives of graduate school. MTSA has established a plan of action to assist students maintain this balance.

Should the need arise for counseling services for students, MTSA will provide referral to a counseling service and will fund the initial three (3) assessment/counseling sessions. The Director of Student Services maintains a list of current approved providers for counseling. Students can be referred for counseling by Administration, Faculty, Mentor, or student's self- referral to the Director of Student Services.

MTSA cannot mandate a student receive the counseling service.

MTSA offers counseling for financial issues, referral can be made through the Director of Financial Aid.

## STUDENT LINES OF COMMUNICATION — 5.1.110

**Policy Number: 5.1.110**

*Reviewed: 7/13/16*

*Revised: 7/13/16, 10/20, 6/21 9/21, BOT Approved 11/21*

**Email** is the official form of communication between students and MTSA, unless otherwise indicated on a class syllabus. This is how a student will be updated on policies, procedures, and items related to degree requirements.

Students are issued an MTSA email address and are expected to check their email on a routine basis. **No other email account may be used for official communication with the school.** In emergency situations only, text messages will be sent from the school's emergency management software to students' cellphones to keep them informed of the situation.

There are times when the students may not be able to talk directly with the Program Administrator as quickly as they may wish or may be uncomfortable talking to specific administrators. The following is an attempt to assure that students continue to have open lines of communication for issues they may perceive as problematic.

Should students find there are School-related issues they wish to address, the Program Administrator is the first person to whom students should address these issues. If the Program Administrator is unavailable, the following faculty members are able to address these concerns: The Faculty Mentor/Advisor to whom the student is assigned, the Assistant Program Administrator, or the Vice President of Academics. If the issue involves an area other than academic, or students do not feel comfortable or it is not convenient to approach any of these faculty members, then it is entirely appropriate and even encouraged for students to address their concerns and/or issues with any of the MTSA administrators.

## STUDENT DRUG & ALCOHOL — 5.1.111

Policy Number: 5.1.111

Reviewed: 7/13/16, 8/6/18, 11/19/19, 7/2020

*Revised: 7/13/16, 11/19/19, 7/2020, 8/24/2020, BOT approved 8/29/2022*

### STANDARDS OF CONDUCT

MTSA prohibits the unlawful manufacture, possession, use, or distribution of illegal drugs and alcohol on the MTSA campus, and any contingent site, or on the campus of any clinical affiliate site. To further MTSA's commitment to provide a healthy and thriving educational environment, and to stay in compliance with the Drug Free Schools and Communities Act Amendments of 1989, MTSA has established the following drug and alcohol policy.

Since many drugs alter one's alertness, and mental alertness is crucial during the provision of anesthesia, students may be screened for drugs and alcohol at any time they are committed to either clinical or classroom assignments. MTSA contracts with an outside company to perform drug/alcohol screening of students throughout the program of study, as needed.

Students should be aware that if they are found to test positive for alcohol, illegal substances or substances without a current and valid prescription, MTSA is obligated to report such violation of the drug and alcohol policy to the State Board of Nursing. Therefore, students are required to report any alertness-altering prescribed substance use (i.e. treatment for anxiety and learning disabilities) to the Program Administrator.

### MTSA SANCTIONS

To underscore the seriousness with which MTSA takes the issue of health and welfare of its constituent populations, the School will impose disciplinary sanctions on students - up to and including expulsion. If drug and alcohol violations are turned over to the State Board of Nursing, that Board will investigate and handle any prosecutions.

### HEALTH RISKS

As part of the Drug-Free Schools and Communities Act of 1989, MTSA is required to inform all students of the health risks associated with the use of illicit drugs and the abuse of alcohol. The School recognizes that Substance Use Disorder of any sort is a major health problem.

Alcohol consumption causes a number of marked changes in behavior. Even low doses significantly impair the judgment and coordination required to drive a car safely, increasing the likelihood that the driver will be involved in an accident. Low to moderate doses of alcohol also increase the incidence of a variety of aggressive acts, including spouse and child abuse.

Moderate to high doses of alcohol cause marked impairments in higher mental functions, severely altering a person's ability to learn and remember information. Very high doses cause respiratory depression and death. If combined with other depressants of the central nervous system, much lower doses of alcohol will produce the effects just described.

Repeated use of alcohol can lead to dependence. Sudden cessation of alcohol intake is likely to produce withdrawal symptoms, including severe anxiety, tremors, hallucinations, and convulsions. Alcohol withdrawal can be life-threatening. Long-term consumption of large quantities of alcohol, particularly when combined with poor nutrition, can also lead to permanent damage to vital organs such as the brain and the liver.

Mothers who drink alcohol during pregnancy may give birth to infants with fetal alcohol syndrome. These infants have irreversible physical abnormalities and mental retardation. In addition, research indicates that children of alcoholic parents are at greater risk than other youngsters of becoming alcoholics.

You can find more information on Substance Abuse and Health Risks in the Department of Justice's, Drugs of Abuse resource guide here: [https://www.dea.gov/sites/default/files/drug\\_of\\_abuse.pdf](https://www.dea.gov/sites/default/files/drug_of_abuse.pdf).

## RESOURCES

MTSA does not provide on-campus drug/alcohol counseling, treatment, or rehabilitation programs for students. There are many community resources that provide support, information and treatment. Upon request or in appropriate situations, the School may refer the student to a counselor, center, or program for assistance with such needs.

### LOCAL RESOURCES FOR HELP

Nashville Poison Control	615-936-2034	<a href="https://www.vumc.org/poisoncenter/">https://www.vumc.org/poisoncenter/</a>
AANA Peer Assistance Resource	800-654-5167	<a href="http://peerassistance.aana.com/directory.asp">http://peerassistance.aana.com/directory.asp</a>
TANA Peer Assistance Resource	800-654-5167	<a href="https://www.tncrna.com/peer-assistance/">https://www.tncrna.com/peer-assistance/</a>
Alcoholics Anonymous	615-831-1050	<a href="http://www.aanashville.org/">http://www.aanashville.org/</a>
Narcotics Anonymous	888-476-2482	<a href="https://nanashville.org/">https://nanashville.org/</a>
Cumberland Heights Treatment Ctr	615-356-2700	<a href="https://www.cumberlandheights.org/">https://www.cumberlandheights.org/</a>
TN Professional Assistant Program	615-726-4001	<a href="http://www.tnpap.org/">http://www.tnpap.org/</a>
JourneyPure Treatment Center	888-633-9588	<a href="https://journeypure.com">https://journeypure.com</a>
Celebrate Recovery	615-604-2210	<a href="https://www.celebraterecovery.com/">https://www.celebraterecovery.com/</a>
Foundations Nashville	615-994-7872	<a href="https://www.foundationsrecoverynetwork.com">https://www.foundationsrecoverynetwork.com</a>
TN Crisis Svs & Suicide Prevention	855-274-7471	<a href="https://www.tn.gov/behavioral-health/need-help.html">https://www.tn.gov/behavioral-health/need-help.html</a>

## DRUG LAWS

A full list of controlled substances as defined by Tennessee state law can be found here: [http://www.lcle.la.gov/sentencing\\_commission/Resources/I%20C.%20TN%20drug%20laws.pdf](http://www.lcle.la.gov/sentencing_commission/Resources/I%20C.%20TN%20drug%20laws.pdf)  
<https://statelaws.findlaw.com/tennessee-law/tennessee-drug-laws.html>  
<https://discoveryplace.info/legal/drug-laws-tennessee/>

The Federal DEA guidebook of Drugs of Abuse can be found on the DEA website. For more information: [https://www.dea.gov/sites/default/files/drug\\_of\\_abuse.pdf#page=30](https://www.dea.gov/sites/default/files/drug_of_abuse.pdf#page=30)

## FEDERAL TRAFFICKING PENALTIES

DRUG/SCHEDULE	QUANTITY	PENALTIES	QUANTITY	PENALTIES
Cocaine (Schedule II)	500-4999 grams mixture	<p><b>First Offense:</b> Not less than 5 yrs, and not more than 40 yrs. If death or serious injury, not less than 20 or more than life. Fine of not more than \$5 million if an individual, \$25 million if not an individual.</p> <p><b>Second Offense:</b> Not less than 10 yrs. and not more than life. If death or serious injury, life imprisonment. Fine of not more than \$8 million if an individual, \$50 million if not an individual.</p>	5 kgs or more mixture	<p><b>First Offense:</b> Not less than 10 yrs, and not more than life. If death or serious injury, not less than 20 or more than life. Fine of not more than \$10 million if an individual, \$50 million if not an individual.</p> <p><b>Second Offense:</b> Not less than 20 yrs, and not more than life. If death or serious injury, life imprisonment. Fine of not more than \$20 million if an individual, \$75 million if not an individual.</p> <p><b>2 or More Prior Offenses:</b> Life imprisonment. Fine of not more than \$20 million if an individual. \$75 million if not an individual.</p>
Cocaine Base (Schedule II)	28-279 grams mixture	280 grams or more mixture		
Fentanyl (Schedule II)	40-399 grams mixture	400 grams or more mixture		
Fentanyl Analogue (Schedule I)	10-99 grams mixture	100 grams or more mixture		
Heroin (Schedule I)	100-999 grams mixture	1 kg or more mixture		
LSD (Schedule I)	1-9 grams mixture	10 grams or more mixture		
Methamphetamine (Schedule II)	5-49 grams pure or 50-499 grams mixture	50 grams or more pure or 500 grams or more mixture		
PCP (Schedule II)	10-99 grams pure or 100-999 grams mixture	100 gm or more pure or 1 kg or more mixture		
<b>PENALTIES</b>				
Other Schedule I & II drugs (and any drug product containing Gamma Hydroxybutyric Acid)	Any amount	<p><b>First Offense:</b> Not more than 20 yrs. If death or serious injury, not less than 20 yrs, or more than life. Fine \$1 million if an individual, \$5 million if not an individual.</p> <p><b>Second Offense:</b> Not more than 30 yrs. If death or serious bodily injury, life imprisonment. Fine \$2 million if an individual, \$10 million if not an individual.</p>		

Flunitrazepam (Schedule IV)	1 gram	
Other Schedule III drugs	Any amount	<p><b>First Offense:</b> Not more than 10 years. If death or serious injury, not more than 15 yrs. Fine not more than \$500,000 if an individual, \$2.5 million if not an individual.</p> <p><b>Second Offense:</b> Not more than 20 yrs. If death or serious injury, not more than 30 yrs. Fine not more than \$1 million if an individual, \$5 million if not an individual.</p>
All other Schedule IV drugs	Any amount	<p><b>First Offense:</b> Not more than 5 yrs. Fine not more than \$250,000 if an individual, \$1 million if not an individual.</p> <p><b>Second Offense:</b> Not more than 10 yrs. Fine not more than \$500,000 if an individual, \$2 million if other than an individual.</p>
Flunitrazepam (Schedule IV)	Other than 1 gram or more	
All Schedule V drugs	Any amount	<p><b>First Offense:</b> Not more than 1 yr. Fine not more than \$100,000 if an individual, \$250,000 if not an individual.</p> <p><b>Second Offense:</b> Not more than 4 yrs. Fine not more than \$200,000 if an individual, \$500,000 if not an individual.</p>

## LEGAL SANCTIONS UNDER STATE AND FEDERAL LAW

The following is a summary of Tennessee and federal sanctions for the unlawful use of illicit drugs and alcohol. While the summary is a good faith effort to provide information, MTSA does not guarantee that it is an error-free or exhaustive accounting

Under federal law, a civil penalty of up to \$100,000 and imprisonment of up to one year may be imposed for simple possession of certain specified controlled substances. Possession of crack cocaine may lead to civil penalties of up to \$250,000 and imprisonment of up to twenty years. Also, possession of a controlled substance can result in the denial of federal benefits, such as student loans, grants, contracts and professional and commercial licenses, and the forfeiture of personal property and real estate used to transport, conceal or facilitate such possession. In addition, possession of a controlled substance can lead to ineligibility to receive or purchase a firearm.

Under federal law, it is unlawful to manufacture, distribute, dispense, deliver, sell or possess with intent to manufacture, distribute, dispense, deliver or sell controlled substances. The penalty imposed depends upon many factors that include the type and amount of controlled substance involved; the number or prior offenses, if any; whether death or serious bodily harm resulted from the use of such substance; and whether any other crimes were committed in connection with the use of the controlled substance. Even a first-time violation can result in life imprisonment; a fine of up to \$4,000,000 per individual; supervised release; or any combination of these penalties. These sanctions are doubled when the offense involves either: (1) distribution or possession at or near a school or university campus, or (2) distribution to persons under 21 years of age. Repeat offenders may face greater penalties.

Under Tennessee law, it is unlawful for any person under the age of 21 to buy, possess, transport (unless in the course of their employment) or consume alcoholic beverages, including wine or beer. It is unlawful for any adult to buy

alcoholic beverages for or furnish them for any purpose to anyone under 21 years of age. These offenses are classified Class A Misdemeanors punishable by imprisonment for not more than eleven months and twenty-nine days or a fine of not more than \$2,500 or both. The offense of public intoxication is a Class A Misdemeanor punishable by imprisonment of not more than thirty days or a fine of not more than \$50 or both.

Under Tennessee law, the offense of possession or casual exchange of a controlled substance (such as marijuana) is punishable as a Class A Misdemeanor (eleven months, twenty-nine days and/or a fine of \$2,500). For the third and subsequent offense of possession of ½ oz. or less of marijuana, punishment is one to six years of imprisonment and a \$3,000 fine. If there is an exchange from a person over 21 years of age to a person under 21 and the older person is at least two years older than the younger and the older person knows that the younger person is under 21, then the offense is classified as a felony. Possession of more than ½ oz. of marijuana under circumstances where intent to resell may be implicit is punishable by one to six years of imprisonment and a \$5,000 fine for the first offense. Maximum Tennessee penalties for possession, manufacture or distribution of substantial quantities of a controlled substance range from fifteen to sixty years of imprisonment and up to a \$500,000 fine. The State of Tennessee may, under certain circumstances, impound a vehicle used to transport or conceal controlled substances.

## STUDENT AID AND DRUG CONVICTIONS

The Higher Education Act (HEA) of 1965 as amended suspends aid eligibility for students who have been convicted under federal or state laws of the sale or possessions of drugs, if the offense occurred during a period of enrollment for which the student was receiving federal student aid (grants, loans). <https://studentaid.gov>

## HONOR CODE — 5.1.113

Policy Number: 5.1.113

Reviewed: 7/13/16

*Revised: 7/13/16, 2022, BOT approved 8/29/2022*

### DECLARATION OF HONOR

MTSA's mission, focus on academic excellence, and culture of faith are grounded in the Christian values of truth, honor, and virtue. Abiding by these principles illuminates the pathway of learning, sustains the integrity and purpose of the School, thus preparing competent and caring nurse anesthetists.

### HONOR CODE

The Honor Code of Middle Tennessee School of Anesthesia is reflective of the Christian principles of truth, honor, integrity, and virtue. The Honor Code is vital in fostering an environment of trust, order, and unity within the school. Students are responsible for familiarizing themselves with and abiding by the Honor Code and all School policies.

### ACADEMIC STANDARDS OF CONDUCT

A thorough understanding and commitment to this Declaration of Honor and the Honor Pledge is essential to success of MTSA's honor system. The following avenues will be utilized to facilitate implementation of these statements:

1. The Declaration of Honor statement, with its accompanying Honor Pledge, will be included with the acceptance letter sent to selected applicants, and applicants accepting a student position at MTSA will be required to acknowledge affirmation by signing and dating the document as specified, and returning it with their acceptance verification.
2. Information regarding the Declaration of Honor and the Honor Code will be included in the program's *MTSA Catalog & Student Handbook*.
3. The Declaration of Honor and the Honor Pledge will be discussed during all orientation programs.



4. Implementation and monitoring of adherence to these standards will be accomplished through the MTSA NAP Council, Progressions Committee, the President's Council, and the MTSA Appeals Committee.

## HONOR PLEDGE

As a student of Middle Tennessee School of Anesthesia, I will incorporate the principles of truth, honor, integrity, and virtue in all that I do while enrolled at MTSA. I acknowledge the Honor Code as vital in fostering an environment of trust, order, and unity within the School. I accept the sacred trust placed upon me to continue this heritage of honor in my efforts to become a competent doctoral-prepared nurse anesthetist. I freely pledge to abide by the MTSA Standards of Conduct and this Honor Code in all of my conduct.

Practice Doctorate students must sign the Honor Pledge before starting the program. It will be kept in the student's academic file.

## STUDENT BEREAVEMENT — 5.1.115

**Policy Number: 5.1.115**

Reviewed: 8/30/17, 4/19, 10/20

*Revised: 8/30/17, 4/16/19, 10/20 BOT approved 11/2020*

The loss of a family member may require time away from MTSA. The family is defined as spouse/partner, son, daughter, mother, father, mother-in-law, father-in-law, sister, brother, sister-in-law, brother-in-law, son-in-law, daughter-in-law, grandparent, grandparent-in-law, or grandchild. This policy would also include step-parent, step-sibling and step-child.

If there is a death in the family, students may take up to three (3) consecutive days off as leave. For students in a program with a clinical component, this leave may be taken without withdrawing time from the bank of emergency time and vacation days.

All students are eligible to utilize bereavement leave, if needed. Bereavement leave must be utilized within fourteen (14) days of the date of death. Exceptions for unusual circumstances (i.e., remains must be transported from overseas) must be coordinated with Program Administration, and with the Coordinator of Clinical Support if in clinical rotations. Students may be asked by MTSA personnel to provide a certification of the death, such as a death certificate or a published death notice.

## STUDENT STANDARDS OF CONDUCT — 5.1.114

**Policy Number: 5.1.114**

Reviewed: 12/16, 7/2020, 10/2020

*Revised: 12/16, 7/2020, 11/2020 BOT approved 11/2020*

It is the philosophy of MTSA to uphold Christian ideals and values. While it is MTSA's policy to freely accept students regardless of religious persuasion, MTSA's philosophy is that students, faculty and staff are public representatives of MTSA, and are expected to avoid any conduct that would conflict with its Christian values.

Actions and conduct not in harmony with the Christian standards of MTSA include, but are not limited to, the following, and commission of any of these actions will result in disciplinary action that may include dismissal from the program. Students who witness or have personal knowledge of any participation in the following activities, on the MTSA campus, and any contingent site, or on the campus of any clinical affiliate site, have a responsibility to report such infractions to MTSA administration. To underscore the seriousness with which MTSA takes the issue of health and welfare of its constituent populations, the School will impose disciplinary sanctions on students - up to and

including expulsion, and possible referral for prosecution. Dismissal from the School or any lesser penalty as determined by the Program Director and the Progressions Committee may result from participation in any of the following activities:

1. Furnishing false information to the School with the intent to deceive;
2. Knowingly providing false information or testimony during the investigation of, or hearing on a disciplinary matter;
3. Refusal or failure to respond to a request from MTSA to report to a School administrative office or other location;
4. Vandalism, malicious destruction, damage, or misuse of private or public property, including library or computer center material;
5. Forgery, alteration, destruction, or misuse of School documents, records, or identification; Obstruction or disruption of teaching, research, administration, disciplinary proceedings, or other School activities, including any authorized activities on School property; In no event shall this rule be construed to prevent speech protected by the First Amendment to the United States Constitution;
6. Obstruction or disruption of teaching, research, administration, disciplinary proceedings, or other School activities, including any authorized activities on School property; In no event shall this rule be construed to prevent speech protected by the First Amendment to the United States Constitution;
7. Unauthorized use of or entry to School facilities and/or unauthorized possession of keys to School facilities;
8. Disorderly conduct or lewd, indecent, or obscene conduct on School-owned property or at any other institution affiliated with the School, or at School-sponsored functions;
9. Physical abuse of any person, or other conduct which threatens or endangers the health or safety of any person (i.e., this includes attending class or clinical under the influence of drugs or alcohol) whether such conduct occurs on or off School property;
10. Participation of students in group activities on or adjacent to the campus, which causes damage to public or private property, causes injuries to persons, or interferes with the orderly functioning of the School or the normal flow of traffic;
11. Violation of written School policies or regulations as stipulated herein or as published and/or announced by authorized School personnel;
12. Falsely reporting the presence of an unlawful explosive or incendiary device with the intent to mislead, deceive, or disrupt the operation of the School or a scheduled event sponsored by the School;
13. The use of tobacco in any form, other than in properly designated smoking areas;
14. Possession, while on School-owned property, or of any other institution affiliated with the School, of any weapon such as, but not limited to, rifles, shotguns, ammunition, handguns, air guns, including explosives, such as firecrackers, unless authorized in writing by the School Administration.
15. Unauthorized use or misuse of MTSA's computing facilities to include logging on an account without the knowledge and permission of the owner; changing, deleting, or adding to the programs, files and/or data without authorization of the owner; theft of program data or machine resources; attempts to thwart security of the computer system, including hardware and software;
16. Use of technological/electronic device(s) in the classroom. Students are allowed to use iPads/Microsoft Surface Pro or laptop computers in the classroom before class begins. However, the only use for iPads/Microsoft Surface Pro or laptops during any class will be for taking notes specifically related to the current class in session. No other activities utilizing any technological/electronic device(s), including but not limited to computers, iPads/Microsoft Surface Pro, cell phones, or scanners, such as (but not limited to) web-surfing, Medatrax case record completion, game-playing, or text-messaging will not be allowed during any class. The only exception to this is if web-based research is part of the curriculum for a given class, and this is specifically stated by the instructor. Some (but not all) instructors may allow calculators to be used during quizzes/tests/exams. If they do, students are only permitted to use calculators provided by MTSA at that time, which have no communication or data storage capability (i.e. no cell phone or PDA calculators).

17. Participation in or conviction of theft, wrongful appropriation (i.e., theft with intent to temporarily deprive the owner of possession), unauthorized possession, or sale or damage to School property or any organization affiliated with the School or of another member of the School community (i.e., faculty, staff, student, or campus visitor);
18. Any act of arson, falsely reporting a fire or other emergency, falsely setting off a fire alarm, tampering with or removing from its proper location fire extinguishers, hoses, or any other fire emergency equipment, except when done with real need for such equipment;
19. An attempt to commit or to be accessory to the commission of any act in violation of other Standards of Conduct;
20. Commission of an act or an attempt to commit an act on School property or involving members of the School community (i.e., faculty, staff, student or campus visitor) in an act that would be in violation of state or federal law;
21. Violation of local, state, or federal law, whether on or off campus, when it appears that the student has acted in a way that adversely affects or seriously interferes with the School's normal educational function, or that injures or endangers the welfare of any member of the School or its affiliate community. Such violations include, but are not limited to, violation of state or federal drug laws, commission of or attempt or threat to commit rape, murder, felonious assault, arson, domestic or dating violence, sexual assault, stalking, or any other felonious crime against person or property. Any violation results in an arrest; the School must be notified within 24 hours.
22. Unprofessional conduct, or any conduct or action that could bring dishonor or discredit on MTSA or would reflect unfavorably on its reputation as a Christian institution
23. The use of any illegal drug.
24. The use addicting drugs and/or alcohol, which would impair judgment or function, including those prescribed by a physician, since mental alertness is crucial during the provision of anesthesia. Each student should notify the appropriate Program Administrator and Clinical Support Coordinator of any medications they are using which may impair judgment or function. Additionally, whenever specimen samples are collected for drug testing, the student must notify the collection personnel of any medications in use currently. Student anesthetists administer narcotics daily and must not be lax in signing out drugs, administering them properly, or properly disposing of unused portions. If circumstantial evidence renders students suspect of drug abuse, they may be asked to have urine, blood, or hair analyses to document their non-use of drugs. MTSA reserves the right, and students should expect, that a routine or random analysis for drugs may be requested at any time and without prior notice, to rule out substance abuse.
25. Reporting for duty at any hospital or for any class or professional meeting while under the influence of drugs, alcohol, or ANY mood-altering substance;
26. Unlawful manufacture, possession, use, influence or distribution of illegal drugs and alcohol
27. No student should start or initiate a general or regional anesthetic without proper supervision of a licensed anesthesia personnel.
28. Refusing to follow the COVID campus guidelines/contract utilizing the Ascend platform.

## STUDENT REPRESENTATION IN COMMITTEES POLICY — 5.1.118

**Policy Number: 5.1.118**

Reviewed: 2000, 2003, 2006, 2009, 2014, 2018

*Revised: 2000, 2003, 8/07, 1/09, 3/14, 2016, 8/18, 10/20*

Middle Tennessee School of Anesthesia has students from each class as full members on major committees within the School. In these committees, they have full voting rights afforded to any member of the committee. Students are selected for a term that includes the full period of time they are in school at MTSA.

The students nominate their class representatives on these committees, which are taken to NAP Council for confirmation. As sensitive issues about individuals and situations are likely to occur in many of these meetings, students are expected to keep within the committee those things discussed in the committee, keeping personal issues confidential.

Alternates to each position are selected as each student may be unable to come to the School due to distance, clinical, work, or call obligation. In these instances, an alternate is asked to serve, if available. Every effort is made to have a student representative available if decisions are to be made that may affect any student's progression in the School.

Student representatives serve as full voting members on the following committees:

## PRACTICE DOCTORATE PROGRAM:

- Progressions Committee
- Practice Doctorate Admissions Committee
- Appeals Committee
- School Life Committee
- Information Technology Committee
- AANA Meeting Representatives
- TANA

## DNAP COMPLETION PROGRAM:

- Progressions Committee
- DNAP Completion Admissions Committee
- Appeals Committee

## STUDENT DRESS CODE POLICY — 5.1.119

Policy Number: 5.1.119

Reviewed: 12/17

*Revised: 12/17, 2022, BOT approved 8/29/2022*

This covers expected standards for dress in both clinical practice settings and academic settings, in addition to all other functions of the School, to include professional meetings. Students are also expected to abide by any affiliate hospital's dress code which may be more specific than MTSA's policy. At all times the student is expected to use common sense in dress. Any violation of this dress code may subject the student to an audience with and/or disciplinary action by the NAP Council and/or Progressions Committee.

All students are expected to present themselves in a clean, neat, and well-groomed manner. The following standards apply:

### 1. Clothing:

- a. **Clinical:** Students are expected to own their own scrub clothes and to wear them where the clinical sites allow. At all times these are to be clean and fresh each day. Scrub pants and tops should be worn in such a manner that at no time do they reveal the undergarments. Students should dress in full scrub attire top and bottom (T-shirt tops and scrub bottoms are not a complete uniform). Students are subject to being sent home for failure to comply with appropriate dress policies, and the clinical day will have to be made up on another day. Scrubs provided by clinical sites are to be returned daily and are not to be worn away from the clinical site.

- b. **Simulation Labs:** Students are expected to wear clean scrubs when they are scheduled for simulation lab. Scrub pants and tops should be worn in such a manner that at no time do they reveal the undergarments.
  - c. **Classroom:** Students may wear their personal surgical scrub clothes to class. All clothes must be neat and clean. They must not be faddish, to include torn or tattered jeans or offensive logos on shirts. Tops with spaghetti straps or tube-type tops are not appropriate, nor are clothes that reveal the midriff or undergarments, or tops that are revealingly low-cut. Workout attire is permitted so long as modesty is kept in mind. For ladies, skirts must be a modest length. Longer styles of shorts may be worn, but they must not be short shorts; Ball caps must be removed during any test period. Surgical scrub caps may be worn in class.
  - d. **Professional** (To include AANA or TANA meetings and when giving class presentations): The attire must be "professional" to include at minimum a dress shirt and tie for men with khaki or dress pants. Professional attire does not include sandals or tennis shoes. **Lab coats:** After successful completion of the second semester, each student will be presented with a lab coat with the MTSA logo. Students are expected to wear this lab coat over their scrubs when they arrive and whenever they leave the operating room area at their clinical assignments. Students are responsible to keep this lab coat clean and in good condition. Prior to some events (i.e. occasional TANA events), MTSA may notify students that they are expected to wear their lab coats at the occasion. If this occurs, students are expected to wear this MTSA logo lab coat and are responsible to ensure the lab coat is clean, pressed, and in good condition before the event.
- 2. **Jewelry:** Jewelry is to be limited to no more than one ring per hand (wedding set counts as one ring), no more than one earring per earlobe (dime size or smaller and only in the earlobes), and no necklaces. Jewelry is to be modest in appearance and moderate in quantity, with no visible body piercing or subcutaneous implants. Students must follow clinical sites rules in regards to jewelry if they differ from the above.
  - 3. **Tattoos:** In the clinical area, classroom, or professional meetings, students will not have visible *offensive* tattoos. Such must be covered at all times. Any visible tattooing must be moderate in amount.
  - 4. **Hair:** Hair must be neat and clean and out of the face at all times. In the clinical area, it must be covered completely by a surgical scrub cap.
  - 5. **Facial Hair:** Facial hair must be neat, well-trimmed and not to exceed three inches in length. In most of the clinical facilities, facial hair is subject to approval by Infection Control and the Operating Room Supervisor, those who are responsible for assuring it is appropriately covered in the operating room.
  - 6. **Fingernails:** Fingernails must be neat and clean, not longer than 1/4th inch beyond the end of the fingertip. Only natural nails are approved for use in the clinical area. Polish is to be of a single color (clear, pale, pink, white, or red) with no adornments; no black or dark colors. Students must comply with individual facility Hospital requirements regarding nail polish.
  - 7. **Shoes:** In the clinical and simulation areas, there shall be no open-toed footwear. Students may wear their own surgical shoes or clogs, if they contain no holes; however, in many affiliates, footwear may be required to be covered by shoe covers. In the classroom, tennis shoes or sandals may be worn if they are neat and clean.
  - 8. **Aromas:** No perfumes, fragrant lotions, or colognes are to be worn in the clinical area. Any offensive or overpowering odor is to be called to the attention of the student as soon as it is noticed, whether in clinical or in the classroom. This includes the personal hygiene responsibilities of each student.
  - 9. **Gum chewing:** Students are to use good judgment and demonstrate appropriate discretion and respect in deciding when gum chewing is acceptable. In the clinical area, it is never acceptable for students to chew gum while interacting with patients and/or family members preoperatively or postoperatively. In the classroom setting, it is never acceptable for students to chew gum while making presentations. In professional settings, it is never acceptable for students to chew gum while making presentations or interacting with officials, such as TANA officers or state legislators.

## RELEASE OF STUDENT RECORD INFORMATION — 5.1.301

Policy Number: 5.1.301

Reviewed: 8/17, 11/18, 9/21

Revised: 3/12, 4/14, 7/16, 7/17, 8/17, 11/18, 9/21

MTSA shall comply with all provisions of the Family Educational Rights and Privacy Act (FERPA) of 1974 (as amended) (20 U.S.C. § 1232g, 34 CFR Part 99) pertaining to the release of student education records. MTSA shall disclose to current students annually of their rights under the FERPA Act.

## MTSA INTERNAL CONSTITUENTS

Student information, not identified as “Directory information”, shall only be available to MTSA employees that have a “need to know” and legitimate educational interest to carry out job related functions. The Vice President of Academics, Program Administrator, and Coordinator of Academic Support shall maintain a list of current employees who have electronic access to student records to fulfill their job requirements. MTSA’s President, Vice President of Academics, or Program Administrator may grant temporary authorization for electronic access. Any access, other than electronic, into a student’s record should be appropriately logged.

## STUDENT RIGHTS UNDER FERPA

- Students have the right to inspect and review their educational record within 45 calendar days of making a request to the school’s Coordinator of Academic Support. The student will submit a written request that identifies the record(s) the student wishes to inspect. The Coordinator of Academic Support will then forward the request to the Program Administrator who will facilitate a meeting of the educational record review. A record of the request for access will be kept in the student education record.
- Students have the right to request that the school correct records they believe to be inaccurate or misleading by submitting a written request for amendment to either MTSA’s President, Vice President of Academics or Program Administrator within 7 calendar days of discovery. The student must identify the part of the record that they want changed and specify why it should be changed. If the school decides an amendment to the record is not warranted, MTSA will notify the student in writing of the decision stating they have a right to a formal hearing. “After the hearing, if the school decides not to amend the record, the... eligible student has the right to place a statement with the record setting forth his or her view about the contested information” (99.31).
- Students have the right to provide written consent before MTSA discloses personally identifiable information (PII) from the student’s education records to third parties, except to the extent that FERPA authorizes disclosure without consent. MTSA discloses education records without a student’s prior written consent under the FERPA exception for disclosure to (34CFR § 99.31):
  - School officials with legitimate educational interest;
  - Other schools to which a student is transferring;
  - Specified officials for audit or evaluation purposes;
  - Appropriate parties in connection with financial aid to a student;
  - Organizations conducting certain studies for or on behalf of the school;
  - Accrediting organizations;
  - To comply with a judicial order or lawfully issued subpoena;
  - Appropriate officials in cases of health and safety emergencies.

**Legitimate educational interest** is access to educational records, by appropriate MTSA Administrators, faculty and staff members and other outside service providers, to fulfill his or her professional responsibilities for the School.

No official academic or clinical information concerning a student shall be released until all MTSA forms and records are updated and in proper form for release. Prior to the release of information, all currently enrolled students shall have no outstanding debt with MTSA. A health-related entity financially supporting a student during enrollment at MTSA may request/require periodic academic and/or clinical reports. MTSA shall release the information to such entities

only after receiving a signed and dated written release from the student specifying the entity to which information is to be released. The releases must be filed with the Records Office, which is under the supervision of the Vice President of Academics and Program Administrator of the School.

Institutions may request that students complete an application for privileges. MTSA may act as a facilitator by providing the form and mailing it when completed by the student. This activity shall not constitute a release of records and no prior approval shall be required.

Prior to graduation, MTSA asks students to execute written release of record forms so there will be no delay in dispatching information to prospective employers. If a prospective employer requests record information and the release forms are on file and/or if the prospective employer supplies an authorization for release of records signed by the student/graduate, MTSA's Records Office will first return a standard form letter verifying the dates the student/graduate attended MTSA and the student's/graduate's graduation date, among other standard responses. Copies of the MTSA transcript may be included when deemed necessary for verification of the information provided. Other requests for letters of reference about students or graduates will be reviewed on a case-by-case basis.

## DIRECTORY INFORMATION

Except as herein provided, all directory information may be released to appear in public documents and/or publications or may otherwise be disclosed without student consent; unless a written notice barring disclosure is filed in the Office of the Program Administrator and/or the Office of Advancement & Alumni of MTSA.

"Directory Information" at MTSA shall include the following student information:

- name
- home address
- local address
- telephone listing (home and cell phone)
- pager listing
- email address
- major field of study
- dates of attendance
- the institution(s) attended and from which degree(s) were earned
- clinical schedule
- degrees awarded and/or honors received
- student identification photographs
- any photographs or digital audio/video recordings taken as part of the educational program or at any School-related functions
- date and place of birth

## MTSA CLINICAL AFFILIATES

As completion of affiliations is a graduation requirement, students are required to sign a pre-release consent form. The following information shall have limited release (primarily to affiliate health care institutions where students may participate in clinical rotations), at the discretion of MTSA:

- evidence of health insurance
- evidence of liability insurance
- recommendations/references
- copies of health history including vaccinations
- academic record

- clinical record
- emergency information form
- background check
- drug screen results

## EXTERNAL PUBLICATION OF INFORMATION

The MTSA Office of Advancement & Alumni will be the official clearing house for all publications targeted for external use (primarily used for marketing purposes, news release information, professional journal articles, *Airways* Newsletter, etc.) This Office is responsible for all communications to the media, for release of information regarding staff, faculty and students in attempt to provide a uniform, coordinated and professional posture in the community served. The Advancement Office representative has the right to prohibit newsmen from interviewing students, faculty and/or staff. It is the objective of this policy to provide accurate, timely and quality publications and media release information.

If a student believes there is a violation of their rights under FERPA they are encouraged to contact the compliance office within 180 calendar days at:

Family Policy Compliance Office

US Department of Education

400 Maryland Avenue, SW

Washington, DC 20202-5920

1-800-USA-LEARN (1-800-872-5327)

<https://www.ed.gov/category/keyword/family-policy-compliance-office-fpco>

## CONSUMER PROTECTION POLICY — 5.1.203

**Policy Number:** 5.1.203

**Reviewed:** 7/31/16, 8/2019, 2022

**Revised:** 7/31/16, 8/2019, 8/2022 *BOT Approved*

## PROCEDURES TO FOLLOW IN RESPONSE TO U.S. DEPARTMENT OF EDUCATION 10.29.10 FINAL RULES

In accordance with the Department of Education's final regulations published on October 29, 2010, the following is the complaint process related to receiving and resolving complaints for TICUA member institutions that are legally authorized to provide post-secondary education in Tennessee and are exempt from regulation by the Tennessee Higher Education Commission.

## COMPLAINTS

- All complaints should first be routed through the appropriate complaint/appeals process as outlined by MTSA.
- Depending on the nature of complaint, the matter should be brought to the attention of the Office of Vice President of Academics.
- A complaint must be submitted in writing using a Student Complaint-Grievance form available on the MTSA website. Complaints should be addressed to the Office of Vice President of Academics Middle Tennessee School of Anesthesia, P.O. Box 417, Madison, TN 37116.



## OFF CAMPUS AUTHORITIES

- Complaints relating to quality of education or accreditation requirements shall be referred to the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC), (<https://sacscoc.org/app/uploads/2020/01/ComplaintPolicy-1.pdf>) or the Council on Accreditation (COA) (<https://www.coacrna.org/contact-us/concerns/>)
- Complaints related to the application of state laws or rules related to approval to operate or licensure of a particular professional program within a postsecondary institution shall be referred to the appropriate State Board (i.e., State Boards of Health, State Board of Education, and so on) within the Tennessee State Government and shall be reviewed and handled by that licensing board (<http://www.tn.gov>, and then search for the appropriate division);

For students attending programs in Tennessee, complaints related to state consumer protection laws (e.g., laws related to fraud or false advertising) shall be referred to the Tennessee Division of Consumer Affairs and shall be reviewed and handled by that unit <https://www.tn.gov/commerce/section/consumer-affairs>.

- For out-of-state students using distance learning programs, complaints related to consumer protection laws shall be filed using the Tennessee NC-SARA Portal form:

<https://www.tn.gov/thec/bureaus/student-aid-and-compliance/postsecondary-state-authorization.html>

## DISTANT EDUCATION AND STATE AUTHORIZATION

As an institution that participates in federal financial aid programs under Title IV of the Higher Education Act of 1965, MTSA is required to comply with regulations regarding distance education. MTSA's distance education is authorized on a state level primarily through the Tennessee Higher Education Commission. MTSA participates in the National Council for State Authorization Reciprocity Agreements (NC-SARA), which is an agreement among states that establishes national standards for the interstate offering of postsecondary distance-education courses and programs. This authorization is required by both state and federal law. See below information regarding MTSA's membership and participation in NC-SARA:

[Middle Tennessee School of Anesthesia NC-SARA Approval \(https://www.nc-sara.org/directory\)](https://www.nc-sara.org/directory)

## DISTANT EDUCATION COMPLAINT PROCESS

The NC-SARA distance education complaint process is described [here](#). Students with a grievance regarding their distance education should seek a resolution of all matters through MTSA's complaint structure first. A complaint must be submitted in writing using the Complaint-Grievance form. Complaints should be addressed to:

Office of Vice President of Academics  
Middle Tennessee School of Anesthesia  
P.O. Box 417  
Madison, TN 37116

Download» [Complaint-Grievance Form](#) from the website

## COMPLAINT RESOLUTION POLICIES AND PROCEDURES FOR NON-TENNESSEE RESIDENT STUDENTS IN STATE AUTHORIZATION RECIPROCITY AGREEMENT STATES, COMMONLY KNOWN AS SARA

Student complaints relating to consumer protection laws that involve distance learning education offered under the terms and conditions of the State Authorization Reciprocity Agreement (SARA), must first be filed with the institution to seek resolution.

Complainants not satisfied with the outcome of the Institution's internal process may appeal, within two years of the incident about which the complaint is made, to the Tennessee Higher Education Commission (<https://www.tn.gov/thec/bureaus/student-aid-and-compliance/postsecondary-state-authorization/request-for-complaint-review.html>).

For purposes of this process, a complaint shall be defined as a formal assertion in writing that the terms of SARA or the laws, standards or regulations incorporated by the SARA Policies and Standards (<http://www.nc-sara.org/content/sara-manual>) have been violated by the institution operating under the terms of SARA.

For a list of SARA member States, please visit the NC-SARA website (<http://nc-sara.org/sara-states-institutions>). Students residing in non-SARA states should consult their respective State of residence for further instruction for filing a complaint.

## PRACTICE DOCTORATE PROGRAM STUDENT EVALUATIONS — 5.4.107

Policy Number: 5.4.107

Reviewed: 1/5/17

Revised: 1/2017

Students at MTSA evaluate all aspects of the program, facilities, and their own progression. These evaluations are coordinated and scheduled by the Clinical Support Specialist and are conducted via Medatrax. The data from these evaluations are compiled by the Clinical Support Specialist and are reviewed by the Evaluations Committee each semester.

Evaluations students complete:

Student Evaluation of:	When Evaluation is Done:
<b>Academic</b>	
Student Evaluation of First Intensive Week	End of first week of Semester 1
Second Semester Orientation Evaluation	End of Semester 2
Student Evaluation of Academic Faculty	End of each Semester ( <i>one per course</i> )
Student Evaluation of Academic Courses	End of each Semester ( <i>one per course</i> )
Simulation Experiences Evaluation	End of Semesters 2, 3, 4, & 5
Concepts in Clinical Course Series Evaluation	End of Semesters 6, 7, 8, & 9
Student Evaluation of Valley Review Course	At completion of the Valley Review Course
APEX Training Program Evaluation	End of Semester 9
<b>Clinical</b>	
Student Clinical Evaluation	Every Clinical Day ( <i>Min 75% Completion</i> )

Student Clinical Site Evaluation	End of each Clinical Rotation
Student Clinical Faculty Evaluation	End of each Clinical Rotation
MTSA Student Self-Evaluation	End of each Semester
Senior Elective Rotation Evaluation	End of Senior Elective Rotation
<b>Program</b>	
Student Advisement Evaluation	End of each Semester
First Year Student Affairs/Needs Evaluation	End of First Year at MTSA
Benchmarking Student Opinions of Performance	End of Semester 5
Second Year Student Affairs/Needs Evaluation	End of Second Year at MTSA
Student Evaluation of the Learning Resource Center	Prior to End of Each School Year
Student Evaluation of Technology	Prior to End of Each School Year
Financial Lectures & Guest Speaker Evaluations	At end of each Lecture ( <i>as needed</i> )
MTSA Program (Exit/Graduation Evaluation)	Day after Graduation
One-Year Post Graduation	One Year after Graduation Date

## CONSUMER INFORMATION

The Higher Education Act of 1965 (HEA), as amended by the Higher Education Opportunity Act of 2008 (HEOA), include requirements for disclosing information to the public. It is our hope that this concerted effort between MTSA and the Department of Education to provide pertinent consumer data will allow all students access to information they need to make the best decision possible for them and their future. These disclosures may be obtained from the MTSA administrative offices or by visiting the Middle Tennessee School of Anesthesia website - <http://mtsa.edu/admissions/financial-aid/consumer-information/>.

# COURSE CATALOG

## DACP 800-860: CLINICAL PRACTICUM I-VII

### DACP 800: CLINICAL PRACTICUM I

This initial clinical course is designed to integrate clinical practice with basic didactic coursework. Students are assigned to affiliated clinical sites with designated anesthesia areas. Students are introduced to anesthesia equipment, procedures, medications and the perioperative environment. A proper understand of basic anesthesia equipment, and monitors will allow the student to expound basic nursing principles to the anesthesia environment. Students are required to meet or exceed level specific objectives and experiences which build from simple cases and techniques to the more complex cases and procedures. Clinical experience will be guided by certified registered nurse anesthetists and anesthesiologists.

**Credits:** 4.00

**Learning** D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11,

**Objectives:** D12, D13, D14, D15, D17, D18, D19, D20, D21, D22, D23, D25, D26, D27, D28, D29, D32, D33, D34, D35, D36, D37, D38

### DACP 810: CLINICAL PRACTICUM II

This second clinical course is designed to integrate with more advanced didactic coursework with focus on pathophysiology. Students will experience more advanced anesthetic techniques, and initiate call responsibilities. Students will be assigned to affiliated clinical sites and anesthesia related specialty areas. Students will be assigned to more complicated cases and will be required to meet or exceed level specific objectives. Clinical experiences will be guided by certified registered nurse anesthetists and anesthesiologists.

**Credits:** 4.00

**Learning** D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11,

**Objectives:** D12, D13, D14, D15, D17, D18, D19, D20, D21, D22, D23, D25, D26, D27, D28, D29, D32, D33, D34, D35, D36, D37, D38

### DACP 820: CLINICAL PRACTICUM III

The third clinical practicum course is designed to build on more advanced didactic coursework including in depth pathophysiology, applied pharmacology and specialty case management. Case specific focus should focus on the continued development with more common surgical procedures and exposure to more complex surgical procedures to include thoracic, cranial vault procedures and vascular procedures. Students will be assigned to affiliated clinical sites and anesthesia related specialty areas. Students will be assigned to increasingly complicated cases and will be required to meet or exceed level specific objectives. Clinical experiences will be guided by certified registered nurse anesthetists and anesthesiologists.

**Credits:** 4.00

**Learning** D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11,

**Objectives:** D12, D13, D14, D15, D16, D17, D18, D19, D20, D21, D22, D23, D25, D26, D27, D28, D29, D32, D33, D34, D35, D36, D37, D38

### DACP 830: CLINICAL PRACTICUM IV

The fourth clinical practicum course is designed to assist the nurse anesthesia student to apply concepts from didactic coursework including focus on cardiovascular, thoracic, and vascular anesthesia. Advanced airway techniques and sophisticated laboratory analysis will be included. Students will be assigned to affiliated clinical sites and anesthesia related specialty areas. Students will be assigned to increasingly complicated and specialty cases and will be required to meet or exceed level specific objectives. Clinical experiences will be guided by certified registered nurse anesthetists and/or anesthesiologists.

**Credits:** 10.00

**Learning** D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11,

**Objectives:** D12, D13, D14, D15, D16, D17, D18, D19, D20, D21, D22, D23, D25, D26, D27, D28, D29, D32, D33, D34, D35, D36, D37, D38

#### DACP 840: CLINICAL PRACTICUM V

This fifth clinical course is designed to assist the nurse anesthesia student to apply concepts from didactic coursework including focus on professional interpersonal relations becoming of a nurse anesthetist, while clinically focusing on case requirements required for neurosurgical, trauma, orthopedic, renal transplant and hepatic transplant anesthesia. Students will apply advanced principles of fluid and blood management and demonstrate the ability to treat perioperative hematologic disorders. Students will be assigned to affiliated clinical sites and anesthesia related specialty areas. Students will be assigned to increasingly complicated and specialty cases and will be required to meet or exceed level specific objectives. Clinical experiences will be guided by certified registered nurse anesthetists and/or anesthesiologists.

**Credits:** 10.00

**Learning** D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11,  
**Objectives:** D12, D13, D14, D15, D16, D17, D18, D19, D20,  
D21, D22, D23, D25, D26, D27, D28, D29,  
D30, D31, D32, D33, D34, D35, D36, D37,  
D38

#### DACP 850: CLINICAL PRACTICUM VI

This sixth clinical course is designed to assist the nurse anesthesia student to synthesize content from all advanced principles courses and to become increasingly independent in their clinical practice. Students should demonstrate the professional traits of a nurse anesthetist focusing on communication and proper interpersonal relationships conducive to all staff involved in an operative procedure. Students will be assigned to affiliated clinical sites and anesthesia related specialty areas. Students will be assigned to increasingly complicated and specialty cases and will be required to meet or exceed level specific objectives. Clinical experiences will be guided by certified registered nurse anesthetists and/or anesthesiologists.

**Credits:** 10.00

**Learning** D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11,  
**Objectives:** D12, D13, D14, D15, D16, D17, D18, D19, D20,  
D21, D22, D23, D25, D26, D27, D28, D29,  
D30, D31, D32, D33, D34, D35, D36, D37,  
D38

#### DACP 860: CLINICAL PRACTICUM VII

This seventh clinical course is designed to assist the nurse anesthesia student to synthesize content from all advanced principles courses and to become increasingly independent in their clinical practice. Students should demonstrate the professional traits of a nurse anesthetist focusing on communication and proper interpersonal relationships conducive to all staff involved in an operative procedure. Students will be assigned to affiliated clinical sites and anesthesia related specialty areas. Students will be assigned to increasingly complicated and specialty cases and will be required to meet or exceed level specific objectives. Clinical experiences will be guided by certified registered nurse anesthetists and/or anesthesiologists.

**Credits:** 7.00

**Learning** D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11,  
**Objectives:** D12, D13, D14, D15, D16, D17, D18, D19, D20,  
D21, D22, D23, D25, D26, D27, D28, D29,  
D30, D31, D32, D33, D34, D35, D36, D37,  
D38

## DACS 800-850: SIMULATION I-V

#### DACS 800: SIMULATION I

This course spans four semesters, with one credit hour per course awarded and with separate grades given for each consecutive course. Each course has learning activities aligned to supplement classroom teachings and readings. Simulation is intended for students to practice and demonstrate basic, advanced skills, decision-making and critical thinking as they progress in their studies and clinical practice experiences. Students practice fiberoptic intubations, jet ventilation, advanced airway techniques for difficult airways, CVP placement, one lung ventilation, hypo and hypertension management, epidural and spinal placement, pediatric laryngospasm, ultrasound guided regional anesthesia, and management of vascular complications.

**Credits:** 1.00

**Learning** D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11,  
**Objectives:** D13, D14, D15, D16, D17, D18, D19, D20, D21,  
D22, D25, D26, D27, D28, D29, D30, D33,  
D34, D35, D36, D37, D38

### DACS 810: SIMULATION II

This course spans four semesters, with one credit hour per course awarded and with separate grades given for each consecutive course. Each course has learning activities aligned to supplement classroom teachings and readings. Simulation is intended for students to practice and demonstrate basic, advanced skills, decision-making and critical thinking as they progress in their studies and clinical practice experiences. Students practice fiberoptic intubations, jet ventilation, advanced airway techniques for difficult airways, CVP placement, one lung ventilation, hypo and hypertension management, epidural and spinal placement, pediatric laryngospasm, ultrasound guided regional anesthesia, and management of vascular complications.

**Credits:** 1.00

**Learning** D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11,

**Objectives:** D13, D14, D15, D16, D17, D18, D19, D20, D21, D22, D25, D26, D27, D28, D29, D30, D33, D34, D35, D36, D37, D38

### DACS 820: SIMULATION III & CASE CONFERENCE

This course spans four semesters, with one credit hour per course awarded and with separate grades given for each consecutive course. Each course has learning activities aligned to supplement classroom teachings and readings. Simulation is intended for students to practice and demonstrate basic, advanced skills, decision-making and critical thinking as they progress in their studies and clinical practice experiences. Students practice fiberoptic intubations, jet ventilation, advanced airway techniques for difficult airways, CVP placement, one lung ventilation, hypo and hypertension management, epidural and spinal placement, pediatric laryngospasm, ultrasound guided regional anesthesia, and management of vascular complications.

**Credits:** 1.00

**Learning** D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11,

**Objectives:** D13, D14, D15, D16, D17, D18, D19, D20, D21, D22, D25, D26, D27, D28, D29, D30, D33, D34, D35, D36, D37, D38

### DACS 830: SIMULATION IV

This course spans four semesters, with one credit hour per course awarded and with separate grades given for each consecutive course. Each course has learning activities aligned to supplement classroom teachings and readings. Simulation is intended for students to practice and demonstrate basic, advanced skills, decision-making and critical thinking as they progress in their studies and clinical practice experiences. Students practice fiberoptic intubations, jet ventilation, advanced airway techniques for difficult airways, CVP placement, one lung ventilation, hypo and hypertension management, epidural and spinal placement, pediatric laryngospasm, ultrasound guided regional anesthesia, and management of vascular complications.

**Credits:** 3.00

**Learning** D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11,

**Objectives:** D13, D14, D15, D16, D17, D18, D19, D20, D21, D22, D25, D26, D27, D28, D29, D30, D33, D34, D35, D36, D37, D38

### DACS 840: SIMULATION V

**Credits:** 1.00

## DAHA 800: ADVANCED HEALTH ASSESSMENT

### DAHA 800: ADVANCED HEALTH ASSESSMENT

This course builds upon the basic health assessment skills developed in the undergraduate nursing program of study. The clinical basis for a comprehensive history and physical assessment in advanced nursing practice will be developed and will then be related specifically to the provision of anesthesia care. The course will utilize practice sessions to evaluate the body and its functions using inspection, palpation, percussion, auscultation, and advanced assessment techniques with the incorporation of POCUS where appropriate. The course will also include: identification of diagnostic testing that may be appropriate for a patient, cultural and developmental variations and needs of a patient, establishing a differential diagnosis based on the assessment data, and developing an effective and appropriate plan of care for a patient. 12-Lead ECG and arrhythmias and the identification and differential diagnosis related to dysrhythmias will be part of this course. Critical thinking, diagnostic reasoning, and communication skill development will be enhanced through case presentation and simulation experiences.

**Credits:** 3.00

**Learning** D1, D4, D5, D6, D7, D8, D9, D13, D14, D15,

**Objectives:** D16, D17, D19, D22, D25, D26, D27, D28

## DAPH 800-830: PHARMACOLOGY & ADVANCED PHARMACOLOGY PRINCIPLES I-III

### DAPH 800: PHARMACOLOGY FOR THE ADVANCED PRACTICE NURSE: NURSE ANESTHETISTS

This course is designed to discuss concepts related to the advanced pharmacotherapeutics of frequently encountered and prescribed non-anesthesia specific medications at the cellular and systems levels. Many patients receiving anesthesia will be concurrently receiving medications from one or more of the categories discussed. In addition to medication indications, interactions, side effects, contraindications, and important patient education; the legal requirements and implications of being a safe and conscientious provider and prescriber will be integrated throughout the course.

**Credits:** 2.00

**Learning** D1, D4, D5, D6, D7, D13, D14, D16, D17,

**Objectives:** D26, D34, D36, D37

**Delivery Format:** Online

### DAPH 810: ADVANCED PHARMACOLOGY PRINCIPLES I

In this course topics will include: pharmacodynamics, pharmacokinetics, and pharmacotherapeutics of commonly used anesthesia medications and discussed at the systemic, organ, and cellular levels. Other areas addressed when applicable are the influence of genetics and integration to the clinical setting.

**Credits:** 2.00

**Learning** D1, D4, D5, D6, D7, D9, D10, D11, D13,

**Objectives:** D14, D21, D22



## DAFH 820: ADVANCED PHARMACOLOGY PRINCIPLES II

This course is designed to build upon basic knowledge of pharmacologic mechanisms of action, cardiothoracic physiology and vasoactive medications. The course covers pathophysiologic considerations in the cardiac patient, as well as an overview of hemodynamic goals during anesthesia. In addition, clinical pharmacology of vasoactive drugs and their application during anesthesia is included. The course assists the student to build advanced knowledge in order to use a variety of current anesthetic techniques, agents, adjunctive drugs and equipment while providing anesthesia.

**Credits:** 2.00

**Learning Objectives:** D1, D4, D5, D7, D13, D14, D15, D19, D21, D22, D23

## DAFH 830: ADVANCED PHARMACOLOGY PRINCIPLES III

This course focuses on advanced concepts in anesthesia pharmacology. The course includes current standards of anesthesia practice in the ambulatory setting, and includes content on advanced fluid therapy, transfusion products and electrolytes. The course focuses on drugs of abuse and antiretroviral therapy and the implications for anesthesia management including anesthetic considerations for specific medically treated disease processes. Drug interactions, and variations of metabolism is considered through the important context of Pharmacogenomics as they relate to the efficacy, safety, and personalized anesthetic drug administration.

**Credits:** 2.00

**Learning Objectives:** D1, D4, D5, D6, D7, D9, D10, D13, D14, D15, D16, D19, D20, D21, D22, D23, D37, D44, D46, D47

## DAPP 800-830: ANATOMY, PHYSIOLOGY & PATHOPHYSIOLOGY I-III

### DAPP 800: ANATOMY, PHYSIOLOGY & PATHOPHYSIOLOGY

This course focuses on concepts foundational to an understanding of human physiology. Functional systems of the cell, cell metabolism, cell membrane transport, membrane potentials, action potentials, cell receptors, cell markers, the cardiovascular system, respiratory physiology, the renal system, muscle physiology, and the hematopoietic system will be covered. Selected pathophysiologic and anesthesia-related examples are integrated. Understanding these concepts is a prerequisite to a comprehension of all cell, tissue, organ, and systems physiology and pathophysiology. This content serves as a basis for everything else we will discuss during the second and third semesters.

**Credits:** 3.00

**Learning Objectives:** D13, D14, D21, D23

### DAPP 810: ADVANCED ANATOMY, PHYSIOLOGY & PATHOPHYSIOLOGY I

This course is designed to discuss concepts related to anatomy and physiology of the nervous system, including the vertebral column, spinal cord, cranial nerves, pain modulation; the autonomic nervous system, the endocrine system, the immune system, and liver physiology. Selected pathophysiologic and anesthesia-related examples are integrated.

**Credits:** 3.00

**Learning Objectives:** D13, D14, D21, D23

### DAPP 820: ADVANCED ANATOMY, PHYSIOLOGY & PATHOPHYSIOLOGY II

This course focuses on concepts related to inflammation-immunity; physiology of the renal system; acid-base balance; integrated mechanisms of blood pressure regulation; and the endocrine system. Selected pathophysiologic and anesthesia examples are integrated.

**Credits:** 3.00

**Learning Objectives:** D13, D14, D21, D23



### DAPP 830: ADVANCED TOPICS IN PATHOPHYSIOLOGY

This course engages the student in advanced clinically oriented topics that focus on advanced principles of management and techniques in the delivery of anesthesia. These concepts and principles are applied to patient situations in which the patient has a complex, or an unusual presentation. Special emphasis is placed on the anatomy, physiology, and pathophysiology topics found in the Basic Sciences section of the National Certification Examination.

**Credits:** 2.00

**Learning** D1, D4, D5, D6, D7, D8, D9, D10, D13, D14,

**Objectives:** D16, D17, D18, D19, D21, D22, D23, D26

## DBAP 800-810: BASIC AND ADVANCED PRINCIPLES OF ANESTHESIA I-III

### DBAP 800: BASIC PRINCIPLES OF ANESTHESIA I

This course provides a broad orientation to the basic principles of anesthesia practice and the perioperative setting. The focus of the course includes: basics of anesthesia delivery systems, machines, airway equipment, monitoring devices, preoperative patient assessment, anesthetic techniques, fluid/volume assessment and management, patient positioning, basic/difficult airway management, local/regional anesthetics, and acute/chronic pain management. This course spans one semester and is three credit hours of credit.

**Credits:** 3.00

**Learning** D1, D2, D3, D4, D5, D7, D9, D10, D13, D14,

**Objectives:** D16, D18, D19, D20, D21, D22, D23

### DBAP 805: BASIC PRINCIPLES OF ANESTHESIA II

This course expands on the foundation established in the Principles of Anesthesia I course. The goal will be to explore more advanced principles of anesthesia practice in the perioperative setting and responsibilities of the anesthesia provider. Focus of the course includes: intrabdominal laparoscopic/open procedures, ear/nose/neck and throat, orthopedic and pelvic procedures along with an additional exploration of special considerations for geriatric and obese patient subpopulations. This course prepares the learner for practice in the clinical setting through exploration of individual adult surgical procedures and anesthesia plans of care. This course spans one semester and is three credit hours of credit.

**Credits:** 3.00

**Learning** D1, D2, D3, D4, D5, D7, D9, D10, D13, D14,

**Objectives:** D16, D18, D19, D20, D21, D22, D23

### DBAP 810: ADVANCED PRINCIPLES IN NURSE ANESTHESIA III

This course is a continuation of the concepts covered in Principles of Anesthesia I/II. The focus will be on more advanced principles of anesthesia practice in the perioperative setting, and provider responsibilities will be expanded to include more complex and challenging surgical procedures. Topics covered in the course include: intracranial, neuroskeletal, vascular, thoracic, cardiac, organ transplantation, trauma and burn anesthesia. This course prepares the learner for practice in the clinical setting through exploration of complex individual adult surgical procedures and anesthesia plans of care. This course spans one semester and is three credit hours of credit.

**Credits:** 3.00

**Learning** D1, D4, D5, D6, D7, D8, D9, D10, D13, D14,

**Objectives:** D18, D19, D20, D21, D22, D23

## DBAP 820-840: ADVANCED PHYSIOLOGY AND PATHOPHYSIOLOGY COURSES

### DBAP 820: ADVANCED PHYSIOLOGY & PATHOPHYSIOLOGY: REGIONAL ANESTHESIA

This course describes central neuraxial blockade used in daily anesthesia practice. Methods of administration are described and demonstrated in the simulation laboratory. Spinal, epidural, combined spinal/epidural anesthesia, and caudal anesthesia, as well as applicable neuroanatomy and central neuraxial pharmacology are presented. Use of anesthesia, pharmacologic principles of regional anesthesia with emphasis on regional anesthesia including ultra-sound guidance of brachial plexus, lumbar and sacral plexus, as well as truncal blocks are included. This course describes the anatomy and physiology of pain and the impact of pain on society as well as the individual as it relates to lost wages and the propensity to transition from acute to chronic pain.

**Credits:** 3.00

**Learning** D1, D2, D3, D4, D5, D7, D8, D11, D13, D14,  
**Objectives:** D15, D16, D17, D18, D19, D20, D21, D22, D23,  
D29, D30, D44

### DBAP 830: ADVANCED PHYSIOLOGY & PATHOPHYSIOLOGY: OBSTETRICS ANESTHESIA

An in-depth review of practicing anesthesia in specialized areas of nurse anesthesia practice in obstetrics, geriatrics, and the obese patient. The student will receive special emphasis on physiology, pathophysiology, and pharmacology in each area of sub-specialization. Current evidence-based techniques and best practices related to safe management of all patients will be presented.

**Credits:** 2.00

**Learning Objectives:** D13, D15, D16, D17, D19, D21, D22

### DBAP 840: ADVANCED PHYSIOLOGY & PATHOPHYSIOLOGY: PEDIATRIC ANESTHESIA

This course introduces the basic and advanced concepts and techniques necessary for the provision of safe anesthesia in the OR/ procedure rooms for neonates, infants, children, and adolescents. Special consideration is given to mental and physical developmental benchmarks for this age group. Lectures will include specific aspects of pediatric airway management, anatomy & physiology, congenital heart disease, pharmacology, most common pediatric syndromes, caudal (regional) anesthesia, treatment of pediatric trauma and abuse.

**Credits:** 2.00

**Learning** D1, D3, D4, D5, D7, D8, D9, D10, D11, D13,  
**Objectives:** D14, D15, D16, D17, D18, D21, D25, D26, D27,  
D28, D29, D30, D31, D35, D36, D37

### DBAP 850: ADVANCED PHYSIOLOGY & PATHOPHYSIOLOGY: CARDIAC AND RESPIRATORY ANESTHESIA

This course presents anesthesia considerations for patients with a variety of cardiac lesions, including coronary artery disease, valve disease, hypertrophic cardiomyopathy, congenital cardiac disease and different forms of cardiomyopathy. Anesthesia techniques specifically tailored to meet the unique needs of each lesion are discussed, and monitoring strategies are considered. Surgical concerns for coronary artery bypass, valve repair/replacement, cardiac transplantation and non-cardiac surgery issues are covered. Vascular surgery in relationship to cardiac disease is reviewed, as well as many uncommon cardiac diseases.

**Credits:** 2.00

**Learning** D1, D3, D4, D5, D8, D9, D13, D14, D16, D17,  
**Objectives:** D18, D19, D21, D22, D23, D25, D26, D29, D32,  
D35, D36, D37

# DEBP 810-830: EVIDENCE-BASED PRACTICE I-IV

## DEBP 810: EVIDENCE-BASED PRACTICE I

This course is designed to introduce the purpose and components of the evidence-based process (EBP). Doctoral learners will gain a thorough understanding of EBP, with emphasis on the first three steps: (0) cultivate a spirit of inquiry, (1) formulate a compelling clinical PICOT question, and (2) search for the best evidence. Students will learn to embrace questioning attitudes and expected levels of uncertainty, as they explore clinical issues to determine problems relevant to anesthesiology. Knowledge and application of the EBP practice paradigm will be learned through reading, classroom lecture, applied technology and informatics, group discussion, skills practice, complex analysis, and peer feedback. Attained knowledge will be evidenced by development of PICOT format questions, evidence searches with reference lists, concept analyses, and digital poster projects.

**Credits:** 2.00

**Learning** D23, D26, D27, D30, D31, D32, D33, D34,

**Objectives:** D35, D37, D38, D40, D44, D45, D46, D47, D48, D49, D50

## DEBP 820: EVIDENCE-BASED PRACTICE II

This course is designed to build upon DEBP 810 and further develop an understanding for the evidence-based process. DEBP 820 will examine: (3) critically appraisal of the evidence and (4) integration of the evidence with clinical expertise. Through the careful exploration of these steps, the doctoral learner will participate in group discussions, listen to lectures, complete a literature review, write a review of the literature, appraise the literature, write a proposal for a doctoral project, and present this proposal. A study of critical analysis and utilization of research evidence to improve health care outcomes, advance the nurse anesthesia profession, and affect health care policy is the focus. Emphasis is on the translation of research knowledge into practice through planned change processes and includes an in-depth study of the steps involved in implementing evidence-based practice. Activities are designed to facilitate development of the DNP project.

**Credits:** 2.00

**Learning** D13, D14, D23, D26, D27, D30, D33, D34,

**Objectives:** D35, D36, D37, D44, D45, D46, D47, D48

## DEBP 830: EVIDENCE-BASED PRACTICE III

This course is designed to build upon DEBP 820 and further develop an understanding for the evidence-based process. DEBP 830 will examine steps 5 and 6 of the evidence-based process: Step (5) evaluate the outcomes of practice change based on evidence and (6) disseminate the outcomes of the evidence-based practice change. Through the careful exploration of these steps, the doctoral learner will participate in group discussions, listen to lectures, complete a literature review, write a review of the literature, appraise the literature, write a proposal for a doctoral project, and present this proposal. This course focuses on the creation of a project, the development of a plan for implementation, and the development of a plan for evaluation to improve practice or healthcare outcomes. SRNAs will work in their groups under the direction of the course instructor to present their projects. It will be presented in a hybrid format (web-based and face-to-face) as a majority of work will be completed on the group's time.

**Credits:** 2.00

**Learning** D13, D14, D23, D26, D30, D31, D32, D33,

**Objectives:** D34, D35, D36, D37, D38, D41, D44, D45, D46, D47, D48, D49, D50

## DEDU 830: INTRODUCTION TO THE NURSE ANESTHESIA PROFESSION

### DEDU 830: INTRODUCTION TO THE NURSE ANESTHESIA PROFESSION

This course is an introduction for the new student to nurse anesthesia. The student will learn about the history of nurse anesthesia, its importance in society and healthcare, as well as the impact of nurse anesthesia in healthcare past and present. Topics will include the history of key individuals, the American Association of Nurse Anesthetists (AANA), changes in technology, and healthcare advances that have had an impact on nurse anesthesia. Additionally, a review will be completed of the Code of Ethics for the and the . This course is conducted on-line.

**Credits:** 2.00

**Learning Objectives:** D13, D31, D33, D34, D35, D36, D37

**Delivery Format:** Online

## DEDU 840: HEALTHCARE POLICY, BUSINESS, AND LEGAL ISSUES

### DEDU 840: HEALTHCARE POLICY, BUSINESS, AND LEGAL ISSUES

This course focuses on public policy issues and how they relate to the nurse anesthesia profession. It will include an examination of the process of policy formation within the health care industry including origin, implementation, and analysis. The student will critically analyze a policy issue relating to their Capstone Phenomenon of Interest (if appropriate) using the policy review model of Equity, Efficiency, and Effectiveness (3 E's). Students will be prepared to assume leadership and influence of health policy development and advocacy for the patient and profession.

**Credits:** 3.00

**Learning** D5, D13, D14, D23, D26, D30, D31, D32, D34,

**Objectives:** D35, D37, D38, D39, D40, D41, D42, D43, D44, D45, D46, D47, D48, D51

## DEDU 850: QUALIT 50: QUALITY IMPROVEMENT FOR SAFETY AND WELLNESS IN PATIENT POPULATIONS

### DEDU 850: QUALITY IMPROVEMENT FOR SAFETY AND WELLNESS IN PATIENT POPULATIONS

Epidemiology focuses on the distribution and determinants of disease frequency in human populations. This course prepares the student to use epidemiological strategies to examine patterns of illness or injury in groups of people as well as threats to patient safety. Concepts of health, risk, and disease causality are examined. Implications for development of data-based programs for disease/injury prevention, quality improvement directed at improving individuals and aggregates receiving anesthesia are discussed. Further exploration of Quality Improvement for aggregates and individuals receiving anesthesia is achieved by providing opportunities to analyze, synthesize, and apply knowledge of quality improvement and patient safety in anesthesia practice. The course examines the theoretical basis of human error, introduces a systems approach to error investigation and analysis, and integrates concepts of teamwork, crisis resource management and monitoring systems in anesthesia practice.

**Credits:** 3.00

**Learning** D1, D2, D4, D5, D6, D7, D9, D10, D11, D13,

**Objectives:** D14, D16, D21, D22, D23, D26, D30, D32, D35, D36, D37, D38, D43, D44, D45, D46, D47, D49, D50

## DEDU 860-890: CONCEPTS IN CLINICAL: APPLICATION & P ION & PRACTICE I-IV

### DEDU 820: ETHICS, LEADERSHIP AND MULTICULTURAL HEALTHCARE IN NURSE ANESTHESIA

The course is introduced with a review of philosophical foundations of applied and professional ethics, including ethical decision making. Within nursing as a profession, and nurse anesthesia as a specialty within nursing, are found statements of ethical promises made to society over time. Members of these professions are expected to act according to these ethical promises. For Certified Registered Nurse Anesthetists, these promises are codified in the American Association of Nurse Anesthetists Code of Ethics. As advanced practice nurses, Certified Registered Nurse Anesthetists care for patients across the lifespan. The focus of the course will be related to ethical issues in nurse anesthesia practice and ethical practice issues across advanced nursing specialties. Multi- cultural variances will be a sub-focus in this course with readings and discussions to address the everchanging role of culture in society and the effects of culture in healthcare, patient care delivery, and patient preferences.

**Credits:** 3.00

**Learning** D6, D13, D25, D26, D27, D31, D33, D35,

**Objectives:** D36, D37, D44

### DEDU 860: CONCEPTS IN CLINICAL: APPLICATION & PRACTICE I

This course series is designed to assist the student in preparation for the national certification examination by integrating clinical and didactic knowledge. Application of information and critical thinking will be emphasized during the review sessions. During each semester the students will be on campus for focused review sessions that will be facilitated by the faculty members. Review materials will include the use of APEX Anesthesia Review, assigned readings, and comprehensive examinations.

**Credits:** 3.00

**Learning** D5, D6, D7, D13, D14, D18, D19, D20, D21,

**Objectives:** D22, D23, D24

### DEDU 870: CONCEPTS IN CLINICAL: APPLICATION & PRACTICE II

This course series is designed to assist the student in preparation for the national certification examination by integrating clinical and didactic knowledge. Application of information and critical thinking will be emphasized during the review sessions. During each semester the students will be on campus for focused review sessions that will be facilitated by the faculty members. Review materials will include the use of APEX Anesthesia Review, assigned readings, and comprehensive examinations.

**Credits:** 3.00

**Learning** D5, D6, D7, D13, D14, D18, D19, D20, D21,

**Objectives:** D22, D23, D24

### DEDU 880: CONCEPTS IN CLINICAL: APPLICATION & PRACTICE III

This course series is designed to assist the student in preparation for the national certification examination by integrating clinical and didactic knowledge. Application of information and critical thinking will be emphasized during the review sessions. During each semester the students will be on campus for focused review sessions that will be facilitated by the faculty members. Review materials will include the use of APEX Anesthesia Review, assigned readings, and comprehensive examinations.

**Credits:** 3.00

**Learning** D5, D6, D7, D13, D14, D18, D19, D20, D21,

**Objectives:** D22, D23, D24

### DEDU 890: CONCEPTS IN CLINICAL: APPLICATION & PRACTICE IV

This course series is designed to assist the student in preparation for the national certification examination by integrating clinical and didactic knowledge. Application of information and critical thinking will be emphasized during the review sessions. During each semester the students will be on campus for focused review sessions that will be facilitated by the faculty members. Review materials will include the use of APEX Anesthesia Review, assigned readings, and comprehensive examinations.

**Credits:** 6.00

**Learning** D5, D6, D7, D13, D14, D18, D19, D20, D21,

**Objectives:** D22, D23, D24

## DMAT 800: MATH FOR NURSE ANESTHETISTS

### DMAT 800: MATH FOR NURSE ANESTHETISTS

This course will build upon the math skills developed in the undergraduate nursing program of study. Emphasis will be placed on dosage calculations, dilutions, ratios, and conversions as they relate to time, temperature, pressure, and concentration. Each concept will be taught as it relates to the practice of nurse anesthesia. Students will be required to calculate the administration dosages of medicines used in both general and regional anesthesia, for patients of all ages, body mass indexes, and physical conditions. Classroom time will be used to present various patient related scenarios, and students will learn to apply knowledge to clinical practice in decision making and problem solving.

**Credits:** 1.00

**Learning Objectives:** D13, D17, D20

**Delivery Format:** Online

## DMEA 800: MACHINE & EQUIPMENT OF ANESTHESIA

### DMEA 800: MACHINE & EQUIPMENT OF ANESTHESIA

This course provides a detailed orientation to anesthesia delivery systems. The goal of this course will be to give the learner in-depth anesthesia machine and equipment knowledge, that can then be applied in clinical training and practice. Topics covered in the course includes: anesthesia machines, gases, vaporizers, breathing circuits, ventilators, patient monitoring, airway equipment, provider vigilance, safety, and quality. This course spans one semester and is three credit hours.

**Credits:** 3.00

**Learning Objectives:** D1, D3, D13, D18, D19, D20, D21, D22, D23

## DPCE 800: PHYSICS, CHEMISTRY, AND BIOCHEMISTRY FOR NURSE ANESTHESIA

### DPCE 800: PHYSICS, CHEMISTRY, AND BIOCHEMISTRY FOR NURSE ANESTHESIA

This course relates the physical principles and laws of the universe to the science and practice of anesthesia. The student is then shown how the physical forces of matter and energy may be controlled, regulated, and applied in the form of scientific and efficient anesthesia administration. A review of drug related mathematics is a part of this class. Lectures, problem-solving coaching, active learning sessions, and worksheets will be used to ensure that students are capable of transferring what is learned in this class to their final performance evaluation.

**Credits:** 2.00

**Learning Objectives:** D13, D17, D19, D20

## DREL 800-810: RELIGION AND A CHRISTIAN WORLDVIEW I-II

### DREL 800: RELIGION AND A CHRISTIAN WORLDVIEW I

These courses address the spiritual component of MTSA's philosophy that true education involves the growth of the spiritual, intellectual, and physical aspects of the student. The Religion 800 section includes lectures, reading, and discussion designed to help students explore their spiritual beliefs and how those beliefs will impact their professional life as nurse anesthetists.

**Credits:** 1.00

**Learning Objectives:** D6, D13, D34, D35, D39



## DREL 810: RELIGION AND A CHRISTIAN WORLDVIEW II

These courses address the spiritual component of MTSA's philosophy that true education involves the growth of the spiritual, intellectual, and physical aspects of the student. Religion 810 focuses on the personal impact of one's spiritual worldview and examines specific doctrines of Judeo-Christian beliefs through the frame of Seventh-day Adventist Theology. This gives the student the opportunity to deeply consider their own beliefs.

**Credits:** 1.00

**Learning Objectives:** D6, D13, D34, D35, D39