American Society of Anesthesia Technologist and Technicians

7044 South 13th St., Oak Creek, WI 53154-1429 Phone: 414-908-4942 Fax: 414-768-8001

• www.asatt.org • E-mail: certification@asatt.org

NATIONAL CERTIFICATION EXAMINATION HANDBOOK



This handbook provides information that you will need to register for the Technologist Certification Examination (Cer.A.T.T.), including eligibility requirements, examination policies, an examination content outline, and an examination application. Be sure to keep this handbook after you have registered for the examination; you may need to refer to it later.

CERTIFICATION

The purpose of the examination is to assess, evaluate and certify the anesthesia technologist. Through certification ASATT can:

- 1. Formaly recognize individuals who have met the educational standards set forth by the ASATT by satisfactorily completing a program which is accredited or approved by the Committee on Accreditation of Anesthesia Technology Education. (CoA ATE)
- 2. Advance a nationaly recognized standard of requisite skills and knowledge required of certified anesthesia technologist.
- 3. Encourage professional growth, patient safety and enhanced care in the practice of anesthesia technology by ensuring that they have acquired the necessary skills and knowledge.

TESTING AGENCY

The ASATT has contracted with Applied Measurement Professionals, Inc. (AMP) to assist in the development, administration, scoring, and analysis of its National Certification Examination. AMP services include the reporting of scores to examinees, school of attendance and the ASATT Headquarters.

STATEMENT OF NONDISCRIMINATION

The ASATT and AMP do not discriminate among candidates on the basis of age, gender, race, color, religion, national origin, disability, or marital status.

ABOUT THE ASATT EXAMINATIONS

This certification examination is designed to test a well-defined body of knowledge representative of entry into practice of the discipline. Successful completion of the examination verifies broad-based knowledge in the discipline being tested. The scope of the certification examination credential is in part determined by a professional practice assessement (PPA).

The assessment involves surveying practitioners in current practice and identifying tasks that professionals routinely perform and are considered important. Each edition of the certification examination is constructed in accordance with content that coencides with the educational outline and practical domains that are deliniated by tasks considered important through the professional practice assessment by ASATT. The educational content outline as set by ASATT is upheld and enforced by the CoA-ATE through the educational enteties that have been reviewed and/or accredited.

The ASATT Item Writers Committee then determines a number of test items with variable cognitive complexity. Specifications are developed to represent tasks that are performed in practice. The examination is developed through a combined effort of qualified content experts and testing professionals. These volunteer individuals review the test items to ensure accuracy in content, proper citation to relevant textbooks, relevancy to practice, and appropriate formating in accordance with good testing procedures.

This handbook provides specific information related to the Technologist exam. Individuals who meet the eligibility requirements and who successfully pass the examination attain the designation Certified Anethesia Technologist (Cer.A.TT). To take this examination, complete and submit the application included with this handbook to the address provided. This handbook and application can also be found at www.asatt.org. Check the ASATT's Web site for information.

ABOUT ASATT

The ASATT's mission is to establish a professional entity for the field of Anesthesia Technology that will positively affect health care and educational standards. In upholding these education standards ASATT intends to enhance patient care and help provide a safe anesthetic environment.

The ASATT is recognized as the organization responsible for maintaining and raising standards for technologist education, patient care and high level competence for Technologist and Technicians.

The community college network has developed formal education programs for our speciality, based upon curriculum supplied by the ASATT and enforced by the CoA-ATE.

A communications network for Technologist/Technicians, with common goals and aspirations, has been established to promote awareness of our discipline through the medical community. The medical community recognizes the ASATT's commitment to excellence through acceptance and support of our national credentialing program.

The CoA-ATE is a seperate entity charged with evaluating educational programs through the process outlined by the Commission on Accreditation of Allied Health Education Programs (CAAHEP).

The ASATT is the sponsoring organization which is represented by a liason to CAAHEP, moreover the CoA-ATE sends a liason as well.

The exam and material generated by the Item Writers Committee is property of the ASATT.

The members of the Item Writers Committee serve as subject matter experts, educational resources, and consultants to the ASATT regarding program development, content and administration, including test development, test administration, scoring and analysis of examinations.

ELIGIBILITY REQUIREMENTS

Application requirement to sit for the **Technologist** examination include: graduation from an approved ASATT program or graduation from an accredited educational program with an Associate degree minimum OR complete an ASATT approved advancement / recertification program.

APPLYING FOR AN EXAMINATION

The ASATT exam is administered via secure computerized testing at more than 170 AMP Assessment Centers geographically distributed throughout the United States. There are no application deadlines and candidates who meet the eligibility requirements may submit their applications and fees at any time. The following steps outline the application process:

1. The candidate completes and submits a paper application (included in this handbook or obtained from www.asatt.org) and appropriate fee when the eligibility requirements are satisfied. The ASATT reserves the right to verify information supplied by or on behalf of a candidate. An application is considered complete only if all information requested is complete, legible and accurate; if the candidate is eligible for the examination; and if the appropriate fee accompanies the application. Required information includes:

- •personal information and signature
- indication of eligibility for examination via
 -copy of diploma or certificate of completion
 -official sealed letter from school or equivalent
- •submission of the applicable fees

If submitting as a member of the ASATT in good standing, then a membership number must also be provided so the appropriate examination fee will be charged.

APPLICATIONS THAT ARE INCOMPLETE WILL BE RETURNED, ALONG WITH ANY FEE SUBMITTED MINUS A \$100 PROCESSING FEE.

- 2. The application is processed, and a confirmation notice of eligibility is sent to the candidate within approximately two weeks. If a confirmation notice is not received within three weeks, the applicant MUST contact ASATT at 414-908-4942. The confirmation of a candidate's eligibility and acceptance of the application is valid for 90 days. A candidate who fails to schedule an appointment and complete the examination within the 90-day period forfeits the application and all fees paid to take the examination. A complete application and examination fee are required to reapply for the examination.
- 3. The confirmation notice contains a toll-free telephone number for the candidate to call to schedule an appointment for examination with AMP Inc. Be prepared to confirm a date and location for testing and to provide your Social Security number as your unique identification number.

The examinations are administered by appointment only Monday through Friday at 9:00 a.m. and 1:30 p.m. and one Saturday a month. Individuals are scheduled on a first-c me, first-se ved basis. Refer to the chart below.

If you call AMP by 3:00 C.S.T. on	Your examination may be scheduled as early as
Monday	Wednesday
Tuesday	Thursd y
Wednesday	Friday /Saturday
Thursd y	Monday
Friday	Tuesday

When you call to schedule an appointment for examination, you will be notified of the time to report to the center. Please make a note of it because you will NOT receive a written notice. You will only be allowed to take the examination for which you received a confi mation notice. UNSCHEDULED CANDIDATES (WALK-INS) WILL NOT BE ADMITTED to the assessment center.

Note: Examinations will not be offered on the following holidays:

- Martin Luther King Day
- Presidents' Day
- Good Friday
- Memorial Day
- Independence Day (July 4)
- Labor Day
- Columbus Day
- Veterans Day
- Thanksgiving (and the following Friday)
- Christmas Eve
- Christmas Day
- Week between Christmas Day and New Year's Day

SPECIAL ARRANGEMENTS FOR CANDIDATES WITH DISABILITIES

AMP complies with the Americans with Disabilities Act and strives to ensure that no individual with a disability is deprived of the opportunity to take the examination solely by reason of that disability. AMP will provide reasonable accommodations for candidates with disabilities.

Wheelchair access is available at all established assessment centers. Candidates with visual, sensory or physical disabilities that would prevent them from taking the examination under standard conditions may request special accommodations and arrangements.

To request special accommodations, request and complete the REQUEST FOR SPECIAL EXAMINATION ACCOMMODATIONS form and submit it with your application and fee at least 45 business days prior to your desired testing date. Please inform AMP of your need for special accommodations

Please inform AMP of your need for special accommodations when calling to schedule your examination.

TELECOMMUNICATION DEVICES FOR THE DEAF

AMP is equipped with Telecommunications Devices for the Deaf (TDD) to assist deaf and hearing-impaired candidates. TDD calling is available 8:30 a.m. to 5:00 p.m. (CST) Monday-Friday at 913-895-4637.

This TDD phone option is for individuals equipped with compatible TDD machinery.

ASSESSMENT CENTER LOCATIONS

A current list of assessment centers can be viewed at: **www.goamp.com** Specific address information will be provided when a candidate schedules an examination appointment.

EXAMINATION FEES

Candidates must submit the appropriate fee with a complete examination application according to the following schedule. Payment may be made by credit card (Visa or MasterCard), company check, cashier's check or money order made payable to ASATT. Cash and personal checks are not acceptable.

Examination Fee	
Active Member of ASATT	\$325
Non-member	\$450
Rescheduling Fee - Contact ASATT	
A11	\$100
Reapplication Fee	
Active Member of ASATT	\$200
Non-Member	\$275

A candidate who fails to reschedule an examination within two business days of the scheduled testing session, who wishes to reschedule a second time, who appears more than 15 minutes late for an examination and cannot be seated, or who fails to report for an examination appointment may reapply for examination by paying the rescheduling fee. A new application is not required.

The examination must be rescheduled within 90 days of the date of the originally scheduled testing session.

A candidate who does not reschedule an examination within the 90-day period must reapply for examination by submitting a new application and full examination fee.

EXAMINATION APPOINTMENT CHANGES

1. A candidate may reschedule an appointment for examination **once** by calling AMP at 888-519-9901 **at least two business days** prior to the scheduled testing session. (See table below.)

If your examination is scheduled on	Must call AMP by 3:00 C.S.T. to change your appointment by	
Monday	previous Wednesday	
Tuesday	previous Thursday	
Wednesday	previous Friday	
Thursday	previous Monday	
Friday	previous Tuesday	

- 2. A candidate who wishes to reschedule an examination but fails to contact AMP at least two business days prior to the scheduled testing session, or who wishes to reschedule a second time, may reapply for examination by paying the rescheduling fee to ASATT and calling AMP to schedule a new appointment for examination. A new application is not required. The examination must be rescheduled within 90 days of the date of the most recently scheduled testing session. A candidate who does not reschedule an examination within the 90-day period forfeits the application and all fees paid to take the examination. A complete application and examination fee are required to reapply for examination.
- 3. A candidate who cancels his/her examinationafter confirmation of eligibility is received forfeits the application and all fees paid to take the examination. A complete application and examination fee are required to reapply for examination.

TEST CONTENT

The examination is based upon the Perioperative Environment and Anesthesia Specific Topic content areas. Each of the content areas is briefly described and followed by an outline of the topics included in the area.

DETAILED CONTENT OUTLINE FOR THE ANESTHESIA TECHNOLOGIST EXAMINATION

I. Equipment, Instrumentation, and Technology: 37 items

- A. Anesthetic Delivery Systems
 - 1. High/low pressure gas sources
 - 2. Regulators/manifolds
 - 3. Flow meters, valves, and floats
 - 4. Vaporizers
 - 5. Proportioning systems
 - 6. Pressure failure safety devices
 - 7. Fail-safe devices
 - 8. Ventilator
 - 9. Carbon dioxide absorbent
 - 10. Anesthetic circuits
 - a. Rebreathing
 - b. Non-rebreathing
 - 11. Pneumatic and electronic alarm devices
- B. Airway Equipment
 - 1. Face masks
 - 2. Laryngoscope
 - a. Rigid
 - b. Flexible/fiberoptic
 - c. Videoscope
 - 3. Endotracheal tubes
 - a. Laser
 - b. Reinforced
 - 4. Endobronchial (e.g., Robert-Shaw, double lumen, Univent, etc.)
 - 5. Airways
 - a. Oral
 - b. Nasal
 - 6. Laryngeal mask airways
 - 7. Jet ventilation
 - 8. Lighted stylet
 - 9. Other
 - a. Retrograde wire
 - b. Eschmann stylet catheter
 - c. Combitube
 - d. Cook exchange catheter

C. Monitoring Devices

- 1. Central nervous system
 - a. Intracranial pressure
 - b. Modified EEG (BIS, PS Array)
- 2. Cardiovascular
 - a. Electrocardiogram
 - b. Arterial pressure
 - c. Noninvasive blood pressure
 - d. Central venous pressure
 - e. Pulmonary artery pressure monitoring/Sv02
 - f. Cardiac output
 - g. Doppler
- 3. Airway/pulmonary monitoring
 - a. Capnography/gas analysis
 - b. Pulse oximetry
 - c. Blood gas analysis
- 4. Peripheral nerve stimulator
- 5. Temperature monitoring
- 6. Other equipment
 - a. Fluid/blood warmers
 - b. Forced air warming
 - c. Heat and moisture exchanger
 - d. Blood salvaging devices
 - e. Transesophageal Echocardiography (TEE)
 - f. Intra-aortic balloon pump (IABP)
 - g. Ultrasound
 - h. Lab equipment Thromboelastogram (TEG), Glucometer, ABG, etc.

II. Basic Sciences: 25 items

- A. Anatomy & Physiology
 - 1. Cardiovascular
 - a. Chambers of the heart
 - b. Heart valves
 - c. Blood flow to/from the heart
 - d. Cardiopulmonary circulation
 - e. Central veins and arteries
 - f. Major veins/arteries of the:
 - 1. Hand and arm
 - 2. Aorta
 - 3. Radial/Ulnar
 - 4. Femoral
 - 5. Vena cava
 - 2. Pulmonary
 - a. Pharynx
 - b. Larynx

- c. Epiglottis
- d. Vocal cords
- e. Lobes of the lung
- f. Tracheal/Bronchial Tree
 - Main branches
 - 2. Carina
- g. Alveoli
- h. Alveolar/capillary membrane
- i. Diffusion of gases
- j. Gas transport
- k. Bones of the lungs
 - 1. Sternum
 - 2. Ribs
 - 3. Xyphoid process
- 1. Diaphragm
- m. Lung volumes
- 3. Central Nervous system
 - a. Autonomic
 - b. Neuromuscular junction
 - c. Nerve conduction
 - d. Spinal cord
 - 1. epidural space
 - e. Major nerves of the:
 - 1. upper body (e.g., brachial plexus, axillary, supraclavicular)
 - 2. lower body (e.g., femoral, sciatic, peroneal and popliteal)
- 4. Musculoskeletal
 - a. Major/common bones (e.g., cranial, arms, legs)
 - b. Joints
 - c. Anatomic landmarks
 - d. Spine
 - e. Common muscles (e.g., sternocleidomastoid, scalene, intercostals)
- 5. Endocrine
 - a. Thyroid
 - b. Kidney
 - c. Pituitary
 - d. Adrenal
- 6. Gastrointestinal
- B. Pathophysiology
 - 1. Cardiovascular
 - a. Dysrhythmias
 - b. Ischemic heart disease
 - c. Myocardial infarction
 - d. Hypertension
 - e. Congestive heart failure

- f. Valvular heart disease
- g. Cardiomyopathy
- h. Peripheral vascular disease
- i. Adult and pediatric heart disease
- 2. Respiratory
 - a. Airway
 - b. Gas exchange
 - c. Asthma
 - d. Tuberculosis
 - e. Pulmonary embolism
 - f. Pulmonary hypertension
 - g. Acidosis
 - h. Alkalosis
 - i. Perfusion
 - j. Ventilation
- 3. Central Nervous System (function & basic anatomy)
 - a. Neuromuscular junction
 - b. Spinal cord
 - c. Autonomic nervous system
 - d. Seizures
 - e. Cerebrovascular Accident (CVA)
 - f. Dementia/Alzheimer's
 - g. Intracranial hypertension
 - h. Neuropathy/myopathy
 - i. Spinal cord injury and disease
- 4. Musculoskeletal
 - a. Anatomic landmarks
 - b. Fractures
 - c. Arthritis
 - d. Musculoskeletal disease
 - e. Malignant hyperthermia
 - f. Endocrine
 - g. Diabetes
 - h. Thyroid disease
 - i. Pheochromocytoma
- 5. Hepatic
 - a. Hepatitis
 - b. Hepatic failure and cirrhosis
- 6. Renal
 - a. Renal failure
- 7. Gastrointestinal
 - a. Diaphragmatic hernia
 - b. Hiatal hernia
 - c. Gastroesophageal reflux disorder (GERD)
 - d. Gallstones/gall bladder disease
 - e. Pancreatitis
 - f. Bowel obstruction

- 8. Immune Disorders
 - a. Allergic responses and anaphylaxis
 - b. AIDS/HIV
 - c. Latex allergy
 - d. Sepsis
- 9. Additional topics
 - a. Trauma
 - b. Shock
 - c. Substance abuse
 - d. Airway difficulties
 - e. Burns
 - f. Organ transplants
 - g. Infection control and disease (e.g., TB, MRSA, VRE etc.)

C. Physics

- 1. Units of measurement
- 2. Gases and gas laws
- 3. Pressure and fluid flow
- 4. Electricity and electrical safety
- 5. Vaporization and humidification
- 6. Measurement of oxygen and carbon dioxide

III. Pharmacology: 19 items

- A. General Principles
 - 1. Pharmacodynamics (action of drugs)
 - 2. Pharmacokinetics
 - a. Absorption
 - b. Distribution
 - c. excretion
 - 3. Anaphylaxis
 - 4. Drug interactions
- B. Inhalational Anesthetics
 - 1. Desflurane
 - 2. Sevoflurane
 - 3. Isoflurane
 - 4. Nitrous oxide
- C. Intravenous Medications
 - 1. Opioids
 - a. Morphine
 - b. Fentanyl
 - c. Alfentanil
 - d. Sufentanil
 - e. Meperdine
 - f. Remifentanil
 - 2. Benzodiazepines
 - a. Diazepam
 - b. Midazolam

- 3. Sedative/hypnotics
 - a. Propofol
 - b. Ketamine
 - c. Etomidate
 - d. Dexmedetomidine
- D. Local Anesthetics
 - 1. Procaine
 - 2. Chloroprocaine
 - 3. Tetracaine
 - 4. Cocaine
 - 5. Benzocaine
 - 6. EMLA
 - 7. Bupivacaine
 - 8. Lidocaine
 - 9. Mepivacaine
 - 10. Ropivacaine
- E. Muscle Relaxants
 - 1. Succinylcholine
 - 2. Pancuronium
 - 3. Vecuromium
 - 4. Atracurium
 - 5. Rocuronium
 - 6. Cisatracurium
- F. Antagonists
 - 1. Edrophonium
 - 2. Neostigmine
 - 3. Naloxone
 - 4. Flumazenil
 - 5. Pyridostigmine
 - 6. Physostigmine
- G. Non-steroidal Anti-inflammatory Drugs
- H. Antihypertensives
 - 1. Beta Blockers
 - 2. ACE inhibitors
 - 3. Vasodilators
- I. Antidysrhythmics
- J. Calcium channel blockers
- K. Bronchodilators
- L. Insulin
- M. Diuretics
- N. Antacids and gastrointestinal medications
- O. Heparin
 - 1. Heparin reversal (e.g., protamine)
 - 2. Thrombolytics
- P. Dantrolene
- Q. Corticosteroids
- R. Tocolytics (e.g., Magnesium Sulfate, Verapamil)
- S. Uterotonics (e.g., Oxytocin)

IV. Basic Principles of Anesthesia: 19 items

- A. Patient/Practitioner Safety
 - 1. Patient/personal safety issues
 - 2. Occupational exposure to anesthetic agents
 - a. Leak testing of anesthesia machines
 - b. Scavenging systems
- B. Preoperative consultation with ACT
- C. Case Setup and Assist
 - 1. Airway management/difficult airway
 - a. Intubation
 - b. Cricoid pressure/ Sellick's maneuver
 - c. Mask
 - d. Cricothyrotomy
 - e. Fiberoptic
 - 2. Local/Regional Anesthesia
 - a. Regional blocks
 - 1. Subarachnoid block
 - 2. Epidural
 - 3. Combined spinal/epidural
 - 4. Caudal block
 - 5. Interscalene block
 - 6. Brachial plexus block
 - 7. IV regional (Bier)
 - 8. Ankle block
 - 9. Wrist block
 - 10. Digital block
 - 11. Sciatic block
 - 12. Femoral block
 - 13. Popliteal block
 - . Ultrasound guided nerve block
 - c. Nerve stimulator guided nerve block
 - 3. Monitored anesthesia care (MAC)/ conscious sedation
 - a. Outside OR care
 - 4. Positioning (e.g., technique, equipment and complications)
 - a. Prone
 - b. Supine
 - c. Lithotomy
 - d. Lateral
 - e. Sitting
 - f. Beach chair
 - g. Trendelenburg
 - h. Reverse Trendelenburg

- 5. Interpretation of data
 - a. Lab results
 - b. Intraoperative monitoring
- 6. Pain management
 - a. Epidural analgesia
 - b. Infiltration nerve blocks
 - c. Intrathecal narcotics
 - d. Continuous infusion catheters/pumps
 - e. Spinal cord stimulators (neurostimulation therapy)
- 7. Post anesthesia care
- 8. Aseptic/sterile technique
 - a. Processing used equipment
 - Cleaning, decontamination and disinfection
 - b. Methods of sterilization

V. Advanced Principles: 19 items

- A. Surgical procedures
 - 1. Intra-abdominal
 - a. Gall bladder
 - b. Liver
 - c. Pancreas
 - d. Spleen
 - e. Stomach
 - f. Renal
 - g. Diaphragm
 - h. Small and large bowel
 - i. Hernia
 - j. Bladder
 - k. Gynecological
 - 1. Prostatectomy
 - m. Laparoscopy
 - n. Bariatric
 - 2. Chest (non-thoracic)
 - a. Cardiac
 - b. Breast biopsy
 - c. Mastectomy
 - d. Plastic or reconstructive
 - 3. Extremities
 - a. Lower
 - b. Upper
 - c. Total joint replacements
 - 4. Genital and urologic
 - a. Transurethral resection
 - b. Cystoscopy
 - c. Female reproductive

- 1. Dilation and curettage
- 2. Hysterectomy
- **3.** Hysteroscopy
- d. Anal/rectal
- e. Penis/testes
- 5. Head
 - a. Maxillo-facial
 - b. Ear
 - c. Eyes
 - d. Face
 - e. Nose
- 6. Codes respiratory, cardiac, infant, security

VI. Professional Aspects: 6 items

- A. Quality control and assurance
 - 1. Package integrity and expiration dates
 - 2. Scope of practice
 - 3. Regulatory compliance
 - 4. Professional ethics

Major domains for Technologist examination from content outline.

I. Equipment, Instrumentation, and Technology:	.37 items
II. Basic Sciences:	.25 items
III. Pharmacology:	.19 items
IV. Basic Principles of Anesthesia:	.19 items
V. Advanced Principles:	19 items
VI. Professional Aspects:	6 items

TOTAL: 125 items

REVIEW REFERENCES

The ASATT recommends that review for the Examination focus on references and programs that cover the information summarized in the Content Outline. It should not be inferred that test items in the examination are selected from any single reference or that study from the references listed guarantees a passing score on the examination.

RECOMMENDED REFERENCE BOOKS

Following are publications that should be included in your study for the ASATT Certifi ation examination:

- Anesthesia Equipment; Principles and Applications
 By Eisenkraft and Ehrenworth 2nd Edition
 (2013) Elsevier
- 2. Clinical Anesthesia

By Barash, Cullen and Stoelting – 7th Edition (2013) Lippincott Williams & Wilkins

- 3. Morgan and Mikhail's Clinical Anesthesiology By Butterworth, Mackey and Wasnick –5th Edition (2013) McGraw Hill
- **4.** MGH Textbook of Anesthetic Equipment
 By Sandberg, Urman and Ehrenfeld 1st Edition
 (2011) Elsevier
- Nurse Anesthesia
 By Nagelhout and Plaus –5th Edition
 (2014) Elsevier
- 6. Standards for Perioperative Autologous
 Blood Collection By AABB 5th Edition (2013)

ON THE DAY OF YOUR TEST

On the day of your testing appointment, report to the assessment center no later than your scheduled testing time. Once you enter the AMP Assessment Center, look for the signs indicating AMP Assessment Center Check-In.

A CANDIDATE WHO ARRIVES MORE THAN 15 MINUTES AFTER THE SCHEDULED TESTING TIME WILL NOT BE ADMITTED.

A candidate who is not admitted due to late arrival has 90 days from the originally scheduled testing session to submit the rescheduling fee to ASATT and call AMP to schedule a new appointment for examination. A new application is not required. A candidate who does not reschedule an examination within the 90-day period forfeits the application and all fees paid to take the examination. A complete application and examination fee are required to reapply for examination. To gain admission to the assessment center, a candidate needs to present two forms of identification, one with a current photograph. Both forms of identification must be current and include the candidate's current name and signature. The candidate will also be required to sign a roster for verification of identity. Acceptable forms of photo identification include: a current driv-er's license with photograph, a current state identification card with photograph, a current passport, and a current military identification card with photograph.

Employment ID cards, student ID cards and any type of temporary identification are NOT acceptable.

Candidates are prohibited from misrepresenting their identities or falsifying information to obtain admission to the assessment center.

YOU MUST HAVE PROPER IDENTIFICATION TO GAIN ADMISSION TO THE ASSESSMENT CENTER.

After your identifi ation has been confi med, you will be directed to a testing carrel. You will be instructed onscreen to enter your Social Security number. Your photograph will be taken and will remain on-screen throughout your testing session. This photograph will also appear on your score report.

SECURITY

The ASATT and AMP maintain test administration and test security standards that are designed to assure that all candidates are provided the same opportunity to demonstrate their abilities. The assessment center is continuously monitored by audio and video surveillance equipment for security purposes.

PRACTICE TEST

Prior to attempting the examination, you will be given the opportunity to practice taking a test on computer. The time you use for this practice test is NOT counted as part of your examination time. When you are comfortable with the computer testing process, you may quit the practice session and begin the timed examination.

TIMED EXAMINATION

Following the practice test, you will begin the actual examination. Before beginning, instructions for taking the examination are provided on-screen.

The examination contains 125 test items.

Three hours are allotted to complete the examination. The follow-ing is a sample of what the computer screen will look like when candidates are taking the examination.



The computer monitors the time spent on the examination. The examination terminates at the three (3) hour mark. Clicking on the "Time" button in the lower right portion of the screen or selecting the TIME key reveals a digital clock that indicates the time remaining. The time feature may also be turned off during the examination. Only one test item is presented at a time. The item number appears in the lower right portion of the screen. The entire test item appears on-screen (stem and four options labeled A, B, C and D).

Select an answer by either entering the letter of the option (A, B, C or D) or clicking on the option using the mouse.

The letter of the selected option appears in the window in the lower left portion of the screen. To change an answer, enter a different option by pressing the A, B, C or D key or by clicking on the option using the mouse. An answer may be changed multiple times. To move to the next item, click on the forward arrow (>) in the lower right corner of the screen or select the NEXT key. This action allows the candidate to move forward through the examination item by item. To review an item or items, click the backward arrow (<) or use the left arrow key to move backward through the examination.

A test item may be left unanswered for return later in the testing session. Items may also be bookmarked for later review by clicking in the blank square to the right of the Time button. Clicking on the hand icon or press the NEXT key to advance to the next unanswered or bookmarked item on the examination. To identify all unanswered or bookmarked items, repeatedly click on the hand icon or press the NEXT key. When the examination is completed, the number of test items answered is reported. If fewer than 125 items were answered and time remains, return to the examination and answer the remaining items.

Comments may be provided for any item by clicking on the button displaying an exclamation point (!) to the left of the Time button. This opens a dialogue, box where comments may be entered. Comments will be reviewed, but individual responses will not be provided.

Be sure to answer each test item before ending the examination.

There is no penalty for guessing.

INCLEMENT WEATHER OR EMERGENCY

In the event of inclement weather, other acts of God or unforeseen emergencies on the day of an examination, the ASATT and AMP will determine whether circumstances warrant the cancellation, and subsequent rescheduling, of an examination. The examination will usually not be rescheduled if the assessment center personnel are able to open the assessment center. Candidates may visit www.goamp.com (24 hours/day) prior to the examination to determine if AMP has been advised that any

the examination to determine if AMP has been advised that any assessment centers are closed. Cancellation information is also reported to area radio and television stations. Every attempt is made to administer examinations as scheduled; however, should an examination be canceled at an assessment center, all scheduled candidates will receive notification following the examination regarding a rescheduled examination date or reapplication procedures.

In the event of a personal emergency on the day of examination, a candidate may request consideration of rescheduling the examination without additional fee by contacting the ASATT in writing within 30 days of the scheduled testing session. A description of the emergency and supporting documentation are required. Rescheduling without additional fee will be considered on a case-by-case basis.

RULES FOR EXAMINATION

- 1. No personal belongings (other than those required for medical or personal needs), books, calculators, slide rules, papers, dictionaries or other reference materials may be taken into the assessment center.
- 2. No electronic devices are permitted in the assessment center, including telephones or signaling devices, such as pagers and alarms.
- 3. No documents or memoranda of any kind are to be taken from the assessment center.
- 4. No questions concerning the content of the examination may be asked during the test. Read all onscreen instructions very carefully.
- 5. You must have the supervisor's permission to leave the room during the examination. You will not be allowed additional time to make up for time lost.
- 6. A candidate may be dismissed from the test for misconduct. Specific examples of misconduct follow.
 - The candidate's admission to the test is unauthorized.
 - The candidate creates a disturbance, is abusive or otherwise uncooperative.
 - The candidate gives or receives help or is suspected of doing so.
 - The candidate attempts to remove test materials or notes from the testing room.
 - The candidate attempts to take the test for someone else.
- 7. No hats/large coats may be worn in the examination room.

Violation of any of the above provisions results in dismissal from the testing session. The candidate's score on the examination is voided and examination fees are not refunded. Evidence of misconduct is reviewed by the Appeal Board of the ASATT to determine whether the candidate will be allowed to reapply for examination. If re-examination is granted, a complete application and examination fee are required to reapply.

FAILING TO REPORT FOR AN EXAMINATION

A candidate who fails to report for an examination has 90 days from the originally scheduled testing session to remit the rescheduling fee to ASATT and call AMP to schedule a new appointment for examination. A new application is not required. A candidate who does not reschedule an examination within the 90-day period forfeits the application and all fees paid to take the examination. A complete application and examination fee are required to reapply for examination.

FOLLOWING THE EXAMINATION

After you finish the examination, you are asked to complete a short evaluation of your testing experience. Then you will be instructed to report to the testing supervisor. Your score report will be provided to you via mail in 6-8 weeks.

Your score report will indicate a "pass" or "fail." Additional detail is provided in the form of raw scores. A raw score is the number of items you answered correctly. Your pass/fail status is determined by your raw score. Your score is based on 125 items.

IF YOU PASS THE EXAMINATION

Upon the successful completion of the ASATT certification examination, you are allowed to use the designation "Certified Anesthesia Technologist" (Cer.A.T.T.). The ASATT reserves the right to recognize publicly any candidate who has successfully completed the ASATT Certification Examination.

IF YOU DO NOT PASS THE EXAMINATION

If you do not pass the examination, a reapplication form is provided at the bottom of your score report. To schedule another examination, submit this reapplication form and the examination fee within 90 days following the failed examination. If a candidate applies for re-examination after 90 days following the failed examination, the full application and examination fee are required. There is currently no limit to the number of times an individual may take the ASATT Examination.

SCORES CANCELLED BY THE ASATT OR AMP

The ASATT and AMP are responsible for the integrity of the scores they report. On occasion, occurrences, such as computer malfunction or misconduct by a candidate, may cause a score to be suspect. The ASATT and AMP are committed to rectifying such discrepancies as expeditiously as possible.

The ASATT may void examination results if, upon investigation, violation of its regulations is discovered.

CONFIDENTIALITY

Information about candidates for testing or renewal of certifi ation and their test results are considered confidential however, the ASATT reserves the right to use information supplied by or on behalf of a candidate in the conduct of research. Studies and reports concerning candidates will contain no information identifiable with a y candidate, unless authorized by the candidate.

DUPLICATE SCORE REPORT

Candidates may purchase additional copies of their score reports at a cost of \$25 per copy. Requests must be submitted to ASATT, in writing, within 12 months after the examination. The request must include the candidate's name, Social Security number, address, telephone number, date of examination, and examination taken. Submit this information with the required fee payable to ASATT. Duplicate score reports will be mailed within approxi-mately fi e business days after receipt of the request.

RENEWAL OF CERTIFICATION

Continuing Education is essential to enable Anesthesia Technologists to ensure personal and professional development in the rapidly changing field of anesthesia. Therefore, to retain the Certified Anesthesia Technologist designation, all individuals must document continuing education. Recertification is achieved

by accumulating 30 continuing education/contact hours by the end of the two-year recertification period. Your recertification is obligatory. You may begin to accrue continuing education units January 1st of the year following your certification year.

RECERTIFICATION PROCEDURE

One continuing education/contact hour may be requested for each 50-60 minute lecture attended. The content of the lectures must be relevant to the Anesthesia Technologist Content Outline. All educational credits fall into three Categories.

Category I credits encompass all education topics or programs that are relevant to the Anesthesia Technology and are indicated in the Detailed Content Outline.

Category II submissions may include any of the following topics:

- Stress Management
- Interpersonal Disciplines
- Computer Programming
- Data Record Keeping
- Materials Management
- Marketing
- Assertiveness Training
- Finance & Budget Training
- Sales & Inventory Training
- Quality Assurance Training

Category II credits are NOT mandatory. When recertifying, a maximum of five (5) Category II credits may be used.

Category III credits may be earned by presenting anesthesia technology relevant lectures to peers with proper documentation that are at least 60 minutes long and/or by serving the ASATT as a member of any committee or board of directors position.

The fee for recertification is \$100 per year for members of ASATT and \$250 for non-members before December 31st. All documents and applicable fees must be submitted to the ASATT office and postmarked by December 31st. All submissions after December 31st are considered delinquent and payment must include a late fee of \$75. Members and nonmembers alike, who are contacted because of incomplete documentation, will incur an additional \$50 fee to complete the processing of their packet.

If the Cer.A.T.T. has not submitted his/her documentation and fees by January 31st, he/she will forfeit his/her CERTIFIED STATUS.

APPEALS

A candidate who believes he/she was unjustly denied eligibility for examination, who challenges results of an examination, or who believes he/she was unjustly denied renewal of certification may request reconsideration of the decision by submitting a writ-ten appeal to the ASATT Appeal Board.

The candidate for certification or renewal of certification must provide convincing evidence that a severe disadvantage was afforded the candidate during processing of an application for examination or renewal of certification prior to or during administration of an examination.

The appeal must be made within 45 days of receipt of a score report or any other official correspondence related to certification or renewal of certification from the ASATT. The written appeal must also indicate the specific relief requested.

The appealing candidate is required to submit a \$100 fee with the written appeal. The fee will be refunded to the candidate if deemed justified through action of the Appeal Board.

©2015 American Society of Anethesia Technologists & Technicians



merican Society of Anesthesia Technologists and Technicians

7044 South 13th St., Oak Creek, WI 53154-1429 Phone: 414-908-4942 Fax: 414-768-8001 E-mail:

• www.asatt.org • certification@asatt.org

NATIONAL ANESTHESIA TECHNOLOGIST EXAMINATION APPLICATION FORM

APPLICATION REQUIREMENTS: Certificate or Diploma facsimilies MUST be attached to this application

- (1) EDUCATION: Completion of an approved/accredited Anesthesia Technology Program
- (2) A minimum of an Associate Degree in Anesthesia Technology or an Associate Degree with a Certificate of Completion
- (3) -OR- be a Certified Anesthesia Technician with a Certificate of Completion from an ASATT approved advancement or remediation program

If the above information is not provided, your application will be returned less a \$100 processing fee.

Type or print all information clearly!

Notations: ___

First Name:	•	Last Name:
		Zip +4:
Home Phone:	Business Phone:	Social Security Number:
Employer/Affiliation:	E-mail Address:	
School Attended:	Highest Educational Level: _	License or Certification:
The following fee is enclosed: \$		ASATT Member Number:
APPLICATION FEES: Active Member of ASATT - \$325 / Non Members - \$450 (in U.S. Funds Outside of U.S. Members - \$450 / Non Members - \$550 (in U.S. Funds		
REAPPLICATION FEES:	Outside of U.S. Members - \$300* /	Non Members - \$300* (in U.S. Funds) Non Members - \$375* (in U.S. Funds)
(Institutional Membership does not a ASATT accepts: 1.1 Mastercard	• •	(*Applicable for 12 months from date of original testing.) Signature:
		Expiration Date:
		Expiration Bate.
	as noted on the ourd. Nume.	
City:		Zip +4:
Results of the Examination: Yo Refusal or Denial: An applicatio 1. Not met the employr 2. Attempted to obtain 3. Unauthorized posses Statement of Application: I cer admission policies and requirem complete and correct to the best incomplete or inaccurate, my application:	n will be refused, or denied if the apprent or educational requirements (secretification by deception or fraud. ssion and/or distribution of the ASAT tify that I have read all portions of thients for the ASATT Certification Exof my knowledge and belief. I under olication may be rejected. I further under the content of t	il" and be provided to you 6-8 weeks after testing. plicant has: ee top of form).
•		
FOR OFFICE USE ONLY Employment letter attache		