

**AMT Certifications:  
The Backlot Tour**

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**Snapshot of AMT**


- Going strong since 1939
  - Founded by laboratory professionals
  - Working on behalf of laboratory professionals
- Actively certified members today:
  - 9,325 Medical Technologists
  - 2,360 Medical Laboratory Technicians
  - 6,430 Registered Phlebotomy Technicians

**More than 2,200 newly certified AMT lab professionals joined the workforce in 2017**

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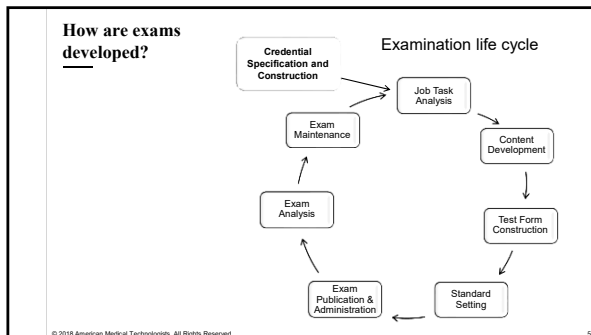
**Lab certifications offered by AMT**

- Medical Technologist
- Medical Laboratory Technician
- Phlebotomy Technician
- Medical Laboratory Assistant
- Clinical Laboratory Consultant



**NCCA accreditation**

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**The foundation of a credential is based in real-world practices**

- Define construct and candidate population
- Assemble a panel subject matter experts (SMEs)
- Specify occupational scope of practice
- Outline eligibility criteria

**Credential Specification and Construction**

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### AMT eligibility criteria meet industry standards

- MT
  - BS degree required with strong science background
  - Experience rotating through ALL sections of the lab
  - Experience must be in a clinical setting
- MLT
  - Associate-level (or 60 semester hours)
  - Same experience criteria as above
- Phlebotomy
  - 160 hours of didactic instruction
  - 50/10 successful venipunctures/10 skin punctures

**Credential Specification and Construction**

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### SME teams oversee all exam-related activities for certification disciplines

- Blood banking, immunochemistry
- Microbiology
- Hematology, hemostasis
- Clinical chemistry
- Immunology/serology
- Urinalysis
- General laboratory

**Credential Specification and Construction**

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### The job task analysis ensures a basis of relevant skills and practices

- A verification survey that defines knowledge, skills, and/or tasks performed in the job role
- Task statements are evaluated by rating scales:
  - Importance
  - Frequency
  - Criticality
  - Level of knowledge
- How data are applied
  - Inform exam content
  - Construct test specifications
  - Allocate items to content areas

**Job Task Analysis**

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### Test questions are rigorously developed and tested

- Items are written to:
  - Align to the exam specifications
  - Are entry level and job-related
  - Address various cognitive levels
  - Are free from bias
  - Include a resource or reference to validate the key
- Submitted items are reviewed for quality, relevance and accuracy
- Accepted items are used to build the item bank

**Content Development**

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### Test questions are rigorously developed and tested

- Assemble and create exam draft using the test specifications to assign items
- Make certain the proper percentage or breakdown of items appear in each content area and sub-section to ensure balance
- Ensure the specified cognitive levels are met
- Review all assembled items

**Test Form Construction**

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### Standard setting is the process of translating a performance standard to a score.

**STEP 1 – Establish performance standard**

CONCEPTUALIZE DEFINE      ← Not competent enough - FAIL      → Competent enough - PASS

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**STEP 2 – Translate performance standard to a cut score**

LOCATE APPLY      WHERE DOES IT GO?      0/200      200/200

← Certification Exam →

**Standard Setting**

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### Quality checks are built into the process of publication and delivery of the exam


- Before test forms are staged for delivery to candidates, they follow rigorous quality control protocols executed by internal psychometric and external test vendor staff.
- Tests are scrutinized for accurate content, formatting, scoring, scaling, reporting, image integrity, item delivery and many other aspects of quality prior to launch.

**Exam Publication & Administration**

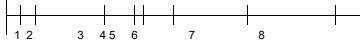
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### Exam analysis: Classical vs. modern measurement

- The main difference between the measurement models is scaling
- Classical utilizes an evenly spaced ruler type approach in its analysis method



- Modern (Rasch) provide a more precise measurement tool where differences can vary along the continuum



**Exam Analysis**

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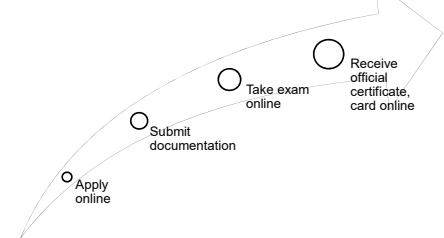
### Maintenance is key to consistent performance

- Semi-annual data analysis by SMEs and psychometricians
- Revision or deletion of misperforming items
- Review and update of item content looking for
  - Relevance
  - Accuracy
  - Entry-level
  - Current Practice
  - Alignment
- New Item Development

**Exam Maintenance**

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### Easy application and straight-forward exam process



**Exam Maintenance**

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### AMT exams taken at secure Pearson VUE locations



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### AMT combines practice reality with rigor

- Passing scores for AMT's laboratory certification exams:
  - MT (68%)
  - MLT (64%)
  - Phlebotomy (87%)
- The combination of eligibility criteria and a successful exam challenge appropriately awards a credential only to those who will be successful in the job role

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**AMT supports you...the program director**

- Submit transcript after successful completion of the program
- Partner with AMT through the School Resource Program (SRP)
  - Dedicated concierge service
  - Secure portal
  - Reports
  - Easy and flexible bulk-purchasing/invoicing options
- AHI certification

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**Resources for exam success**

- Practice exams
  - MT
  - MLT
  - Phlebotomy
- Exam content outline

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**Maintaining certification is very reasonable**

- Annual fee
- Includes membership
- 45 points every 3 years
- Flexible ways to qualify

Organization	Fee
AMT	\$360
ASCP	\$612

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**AMT is all about its members**

- Timely and relevant education
  - National and state meetings
  - Online
  - Publications
- Leadership opportunities
- Networking
- Membership with recognition of your active certification

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**AMT is an industry leader**






- Within the lab and allied health community:
  - CCCLW (Coordinating Council for Clinical Laboratory Workforce)
  - HPN (Health Professionals Network)
  - Advocacy
- International presence

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This concludes our tour

**Any Questions?**

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<p><b>Support and resources</b></p> <p> <a href="http://www.americanmedtech.org">www.americanmedtech.org</a></p> <p> <a href="mailto:srp@americanmedtech.org">srp@americanmedtech.org</a></p> <p> 847-789-9462</p> <p><b>Get Social</b></p> <p>  Follow us on Facebook, Instagram, Twitter and LinkedIn to find sample practice exam questions, promotions and news.</p> <p> </p> <p><small>© 2018 American Medical Technicians. All Rights Reserved.</small></p>	
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