

AAMI Training & Certification: An HTM's Pathway to Success

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About AAMI

50+

Staff headquartered in Arlington, VA

2,000+

Healthcare device manufacturers, clinicians, HTMs and end users engage in standards development

25+

Governmental and association partners



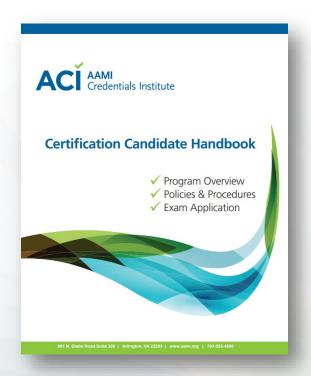
HTM Certification Programs

- Certified Associate in Biomedical Technology (CABT)
 - No Eligibility Requirements.
 - Lasts 5 years
 - Exam is online.
- Certified Biomedical Equipment Technician (CBET)
- Certified Radiology Equipment Specialist (CRES)
- Certified Healthcare Technology Manager (CHTM)





ACI Certification Candidate Handbook



Testing Window	Application Deadline
May 1-15, 2024	April 24, 2024
November 1-15, 2024	October 23, 2024

- ACI Exam policies
- Exam outlines
- Exam reference lists
- Recertification policies
- Definitions



CBET/CRES Eligibility

CBET	CRES
FULL STATUS (To fulfill requirements for CRES, at least 40 percent of work experience over the last two years, or 25 percent over the last five years, MUST BE in the designated specialty area.)	CANDIDATE STATUS
OPTION 1: Associate's degree in biomedical equipment technology program and two years' full-time BMET work experience	OPTION 1: Associate's degree in biomedical equipment technology program
OPTION 2: Completion of a U.S. military biomedical equipment technology program and two years' full-time BMET work experience	OPTION 2: Completion of a U.S. military biomedical equipment technology program
OPTION 3: Associate's degree in electronics technology and three years' full-time BMET work experience	OPTION 3: Associate's degree in electronics technology and one year full-time BMET work experience
OPTION 4: Four years' full-time BMET work experience.	OPTION 4: Two years' full-time BMET work experience

- Full and Candidate Status applicants will take the same exam.
- Candidate Status applicants who pass the exam will have to wait until they reach the Full Status eligibility before being listed as a CBET.
- Upgrade applications can be found on the ACI Forms page of the website.



CHTM Eligibility

- Path 1: A current ACI certification with at least three (3) years of work experience as a supervisor or manager in the last five (5) years
- Path 2: DOD BMET training program completion with at least three years of work experience, military or civilian, as an HTM supervisor or manager in the last five years
- Path 3: An Associate's degree in biomedical technology, related healthcare discipline, information technology or business with at least three years of work experience as an HTM supervisor or manager in the last five years

- Path 4: A Bachelor's degree or higher in biomedical technology, engineering, related healthcare discipline, information technology or business with at least two years as a manager within the last five years.
- Path 5: Work experience with or without a degree not related to biomedical technology, related healthcare discipline, information technology, or business management. Seven years of work experience in the HTM field with three years of management experience in the last five years.



CABT – 100 questions

- Anatomy & Physiology
- Medical Devices
- Safety in Healthcare
- Fundamentals of Electricity & Electronics
- Reasoning & Problem Solving
- Healthcare IT



Exam Outlines

CBET – 165 questions

- Anatomy & Physiology
- Healthcare Technology Problem Solving
- Safety in the Healthcare Facility
- Fundamentals of Electricity & Electronics
- Healthcare Technology & Function
- Healthcare IT



CRES – 165 questions

- Anatomy & Physiology
- Healthcare Technology Problem Solving
- Safety in the Healthcare Facility
- Fundamentals of Electricity & Electronics
- Healthcare Technology & Function
- Healthcare IT



CHTM – 100 questions

- Financial Management
- Risk Management
- Operations Management
- Education & Training
- Human Resources



Testing Day Expectations

What you'll need:

- Two forms of identification (one must be a government issued photo ID).
- A copy of your confirmation email that contains your unique authorization code.
- A simple 5-function calculator

What to remember:

- Arrive at your testing location at least 15 minutes prior to your scheduled start time.
- If you need to reschedule or cancel your exam, please email aci@aami.org.
- If you fail to appear for your exam, you will forfeit all exam fees.
- Special accommodations must be requested at least 60 days in advance.

What to expect after the exam:

- Preliminary exam results will be emailed immediately following your exam.
- Final results will be mailed within 45 days of the exam window.

Note: If a new exam form is being introduced, results will be delayed.

 Candidates earning full certification will have their names added to the ACI Certification Directory

l'm Certified...Now what?

■ CEU Recertification — 30 CEUs are needed every three years.

Six CEU Categories

- Earn a new certification
- Volunteer in a leadership role
- Development of education content
- Professional development
- College courses
- Work experience

l'm Certified...Now what?

- Grace Period The grace period is three months after the initial expiration date (March 31st).
- Audit System Renewals will randomly be selected for audit.
 It is required that you submit supporting documentation for CEUs with your renewal regardless of audit selection.



Category 1: Earn an additional, relevant certification (Max 15 CEUs)

HTM Related (CBET, CRES, CHTM, CISS, CCE): 5 CEUs/Cert

Healthcare Related (CHSP, CQSP, CMLT, Dialysis Certs): 2 CEUs/Cert

Technology Related (A+, NET+, MCSE, CET): 2 CEUs/Cert

Business Certifications (PMP): 2 CEUs/Cert

Category 2: Leadership Roles (Max 15 CEUs)

Paid or volunteer positions on HTM and healthcare related committees.

- 30+ hours/year = 4 CEUs
- <30 hours/year = 2 CEUs</p>



Category 3: Development of Educational Content (Max 15 CEUS)

Write items for ACI (5 items)	= 1 CEUs
 Published opinion-based article (min 500 words) 	= 1 CEUs
 Published peer-reviewed (1,200 – 1,500 words) 	= 3 CEUs
 Published technical article (1,200 – 1,500 words) 	= 3 CEUs
Write a book (1 chapter)	= 3 CEUs

Key Point – Blog entries do not qualify for CEUs



Category 4: Professional Development (minimum 15 CEUs)

Earn 1 CEU per hour of attendance *

 Attending educational class (such as AAMI), webinars, in-service, vendor presentations or vendor school, or HTM conferences (seminars/sessions)

Earn 2 CEUs per hour of attendance *

 Teaching educational class/seminar, presenting a technical paper, or presenting a webinar

Earn 0.5 CEUs per hour of attendance *

Indirectly related courses (Communication, Management, Auditing..)

^{*}Proof of CEU is required when submitting your journal. This can be a conference name badge, certificate of completion, or sign-in sheet.



Category 5: College or University Courses (Max 15 CEUs)

Must be related to exam content. Must receive a "C" or higher. Must provide transcripts.

Attending a course

1 CEU / 10 hours of class time

Teaching a course

3 CEUs / 10 hours of class time

Category 6: Work Experience (Max 6 CEUs)

Full time (HTM Field)

1.5 CEUs / year

Part-time/Military Reserve (HTM Field)

0.5 CEU / year

- > Only the years employed during the 3-year recertification cycle are valid for reporting.
- ➤ An individual without military or part-time employment can only claim a max of 4.5 CEUs.



CEU Journal

IMAA	Training & Events Certifications Standards & Publications Join Membership Today	
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	First Name Martin	Change
Martin McLaughlin	Last Name McLaughlin	
My Info	Title Director of Education	
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Payment Methods	Department Employer Association for the Advancement of Medical Instrumentation	
Organizational Roster	Daily Job Functions	
My Orders	Education Career Level	
My CEU Journal	Mid-career (5-15 years)	



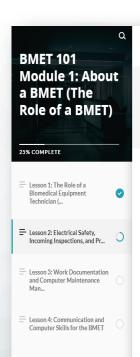
CEU Journal

AMI		Training & Events	Certifications	Standards & Publications	Join Membership Today	
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all of your CEU's here! O	nce you've added your CEU's, hit "Submit" on the t	op right. Make sure to have	all the CEU's need	ed to renew your certification.		
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Martin						
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McLaughlin						
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Ince you have added you	r CEU's, please hit "submit" on the top right to save	your records				
					Ne	ew Entry
Entry Title	AAMI Weblnar - ACI CERT INFO				â	-
Category	Category IV: Professional Development (minimum CEUs needed: 15)					
CEUs	1.000000					

AAMI Training



BMET101: CABT Prep - eLearning

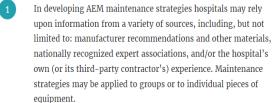


Alternative Equipment Maintenance

If hospitals want to deviate from the OEM's recommended PM procedures and/or frequencies, they must have and AEM in place.

An **Alternative Equipment Maintenance** is any maintenance procedure that deviates from the manufacturer's recommendations for process or frequency. To execute an AEM, regulatory agencies require that a formal AEM Plan be documented showing that the HTM Department evaluated the risks involved and the maintenance history of the device.

To employ an AEM there are three very important factors:





- Various learning tools
- Self-paced
- Responsive design features
- Interactive



Learners should be able to complete the course in 5-7 hours.

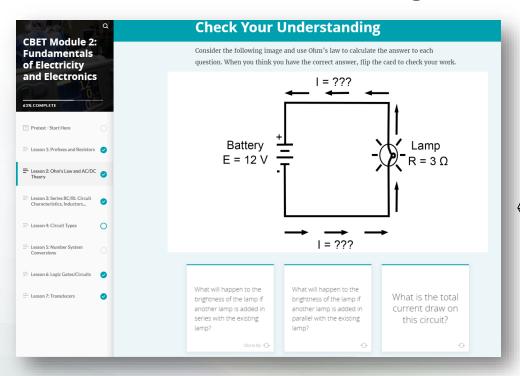


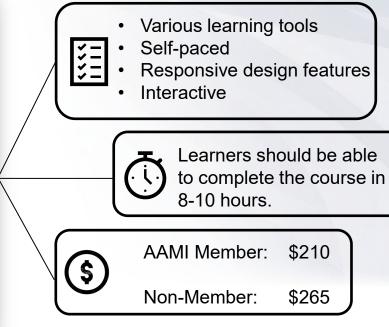
AAMI Member: \$190

Non-Member: \$209



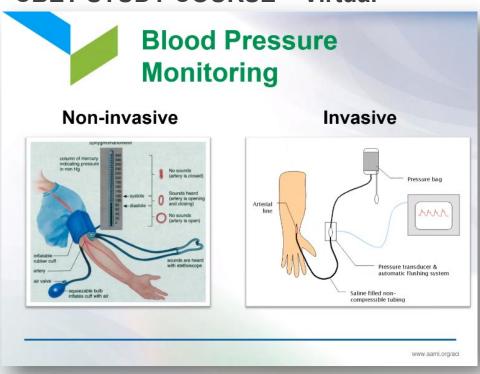
CBET STUDY COURSE - eLearning



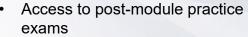




CBET STUDY COURSE – Virtual



Instructor led



- Live/Web-based/Recorded
- Ability interact with instructor



This class consists of eight 2-hour evening sessions over a 4-week period.

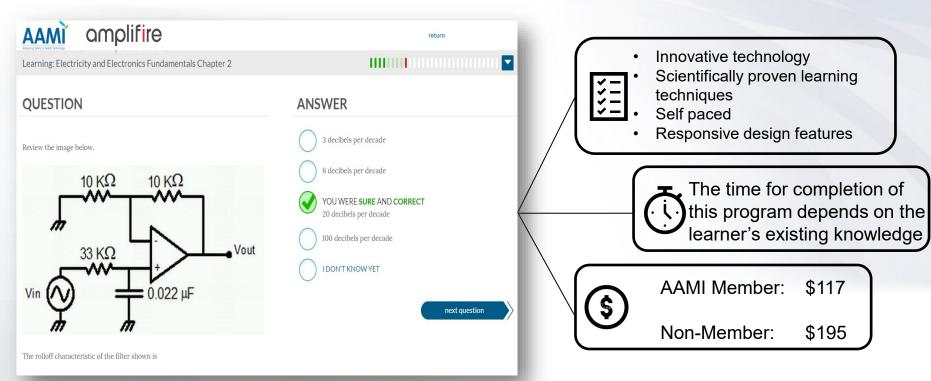
(\$)

AAMI Member: \$240

Non-Member: \$295

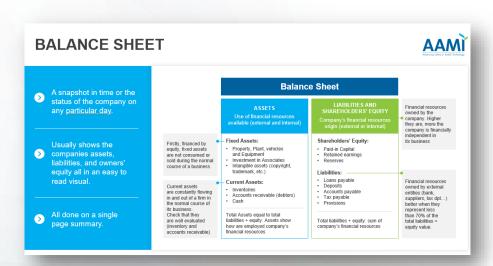


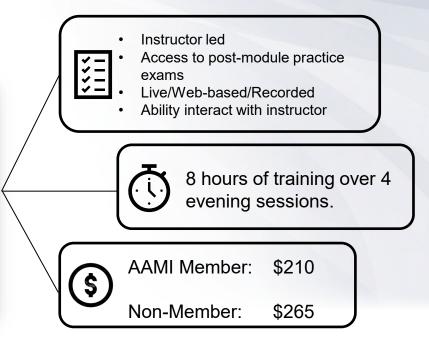
CBET Smart Practice – eLearning





CHTM Study Course – Virtual





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Please scan QR code to submit a survey for this session.

