The ATMAE certification programs recognize individual members who have met certain professional standards.

ATMAE offers seven certifications and five senior level certification programs:

- Certified and Certified Senior Controls Engineer (CCE & CSCE)
- Certified and Certified Senior in Engineering Graphics (CEG & CSEG)
- Certified and Certified Senior Manufacturing Specialist (CMS & CSMS)
- Certified and Certified Senior Technology Manager (CTM & CSTM)
- Certified and Certified Senior Technical Professional (CTP & CSTP)
- Certified Lean Six Sigma (CLSSYB, CLSSGB, CLSSBB, CLSSMBB)
- Microelectro Mechanical Systems Foundation Certification (MFC)

Certification Eligibility

Individuals meeting the following criteria are eligible to be ATMAE certified:

- Pass the relevant ATMAE certification examination.
- Confirm the education requirements for the relevant certification program. Equivalent educational qualifications as determined by the Certification Officer based on formal education and professional experience may be used to satisfy the educational eligibility criteria.
- Must apply for certification within one year of passing the exam.

Exam Fees:

- Individual Student Examination Fee: $25
- Individual Professional Examination Fee: $50
- Flat rates available for educators scheduling a large group of individual exams with Reporting of Group Results for Program Assessment.

Initial Certification Fee:

- Student/Graduating Student Member: $25
- Professional Member: $50

Annual Fees for Certified ATMAE Members:

- Certified Student Member: $50
- Certified Professional Member: $135

Transition from Initial (CEG, CMS, CTM, CCE, or CTP) to Senior (CSEG, CSMS, CSTM, CSCE, or CSTP) Certification:

- No additional fee beyond annual fees

Visit www.ATMAE.org to learn more about ATMAE Certification Programs, study guides, and exam scheduling.

Contact Us

Association of Technology, Management, and Applied Engineering
701 Exposition Place, Suite 206
Raleigh, NC 27615
Phone (919) 635-8335
Email: admin@atmae.org

Certification is a Vital Part of the Professional Workforce

The ATMAE certification programs were developed under the guidelines established by the American National Standards Institute (ANSI). The process used by ANSI to accredit certification bodies is based on an international standard (ISO/IEC 17011). Adherence to a rigorous internationally recognized accreditation process ensures that the ANSI process conforms to the highest accreditation standard and represents the best practices in accreditation. ANSI is the only personal certification accreditation body in the United States to meet nationally accepted practices for accreditation bodies.

Each exam's content is representative of the task, skills, and knowledge needed to successfully perform the job in which the certification is documenting. Exam content is developed by individuals who currently perform that job or manage, supervise, train, and/or educate individuals for that particular job.

Benefits of ATMAE Certification Exam

Educators
- An important tool for understanding how well your students are learning and allows you to objectively measure the success of your academic program.
- Allows you to assess your current curriculum against industry practice and standards.
- Provides a tool to measure and monitor program objectives and outcomes.
- Supports accreditation requirements.
- Helps to improve overall academic and professional development of your students.

Professionals
Certification is a critical investment for emerging professional career growth. ATMAE recommends earning at least one of the professional certifications that are offered for graduates of two year technical and four-year technology/applied engineering programs to improve marketability.
Why Certify?
You have a degree in hand and a transcript full of all of the right classes showing a mastery of the skills needed to do the job. Guess what? It is the same information on every resume sitting in the hiring manager’s inbox.

- ATMAE Certification announces that you have recognized expertise in a specific field, a mark of distinction that sets you apart.
- ATMAE Certification provides external validation of your knowledge and competence among others not familiar with the profession, improving your value potential.
- ATMAE Certification shows your commitment to the profession and your own professional growth, factors that can affect career advancement.
- ATMAE Certification at the senior level (CSTM, CSEG, CMS, CCE, and CSEG) requires a dedication to continuing education, promoting your continued growth and development as a professional.
- ATMAE Certification may persuade your employer to underwrite educational activities that support your professional development and your company’s continuous improvement efforts.
- ATMAE Certification provides a link between you, ATMAE, and the professional community.

Certification Programs

Certified Controls Engineer (CCE/CSCE)
The Certified Controls Engineer (CCE) is a multi-subject exam emphasizing automation and control system applicable to a broad swath of industrial applications. Successful graduates of ATMAE accredited four-year programs emphasizing electricity, electronics, and/or computer technologies are expected to be adequately prepared for this exam.
The CCE exam includes questions from the following content areas:
- Automated Systems
- Energy Management/Alternative Energy
- Mechanical Advantage, Controls (Open Loop/Closed Loop Systems)
- Electronics Fundamentals
- Financial Justification, Networking Fundamentals
- Electrical Power Systems
- Fluidics/Fluid Power, Programming Fundamentals
- Electrical Safety Systems
- Industrial Maintenance
- Robotics Systems
- Instrumentation

Certified Manufacturing Specialist (CMS/CSMS)
The CMS program is geared toward programs with a strong manufacturing emphasis and the exam was developed with help from ATMAE members working in such programs.

Exam content areas include:
- Manufacturing Joining, Forming, and Casting
- Machining, Non Traditional Machining, Polymers
- Industrial Materials, Computer Integrated Manufacturing
- Production Planning, Quality, Management & Supervision
- Metrology, Wood Technology, Technical Drafting
- Manufacturing Philosophies, and Electronics

Certified Technology Manager (CTM/CSTM)
The CTM program is based on a broad-based multi-subject exam with a technology management emphasis. Most students in ATMAE accredited four-year programs should be properly prepared for this exam.

Exam content areas include:
- Leadership/Self-Management
- Systems, Processes, Operations, People, Project, Quality, and Risk

Certified Technical Professional (CTP/CSTP)
The CTP program is designed to serve graduates of both 2-Year and 4-Year Programs. The exam is broad-based, and geared to individuals with a background in the expression of industrial design ideas through engineering graphics, including geometric construction, orthographic views, and standardized annotations.

Exam content areas include:
- Applied Mathematics
- Engineering Graphics, Production Planning & Control
- Safety, Quality, and other rudimentary questions pertaining to Algebra, Trigonometry, and English

Microelectro Mechanical Systems Foundation Certification (MFC)
The MFC is designed to serve students from 2-Year, 4-Year, and advanced secondary programs.
The exam is broad-based, and covers foundational topics related to the background, theory, and skills involved in microsystems fabrication.

Certified Lean Six Sigma (CLSSYB, CLSSGB, CLSSBB, CLSSMB)
The Certified Lean Six Sigma (CLSS) program is meant for individuals who are currently working on or seeking work on lean six sigma projects. Examinees should have a good background in quality, statistics, and lean philosophies.

Senior Certification Programs

Senior level certification is available for the CTP, CTP, CMS, CCE, and CEG for certified members with three years of post-graduate professional experience, and have completed 30 Professional Development Units (PDU) of continuing education activity.
Senior level certification requires dedication and commitment to continuing education, promoting your continued growth and development as a professional.
Coursework completed in pursuit of the academic degree used as the qualifying degree for CTP, CTP, CMS, CCE, and CEG for certification cannot be used to fulfill 30 PDU Requirement.
Senior certification is renewable every three years and requires 30 PDUs of continuing education activity within each 3-year period to be eligible for re-certification for another 3-year period.