ADVANCED MECHATRONICS ENGINEERING TECHNOLOGY - ASSOCIATE OF APPLIED SCIENCE DEGREE (AAS)

Explore More About This Program: https://cwi.edu/program/advanced-mechatronics-engineering-technology

Degree Quick Facts

- **Instructional School:** Industry, Engineering, and Trades
- **Department:** Engineering
- **Program Code:** AMET.AAS
- **Program Type:** Career and Technical Education
- **Available Fully Online:** No
- **Eligible for Federal Financial Aid:** Yes

NOTE: Courses required for this program *may* have an additional fee; more information can be found on the Special Course Fees web page.

Degree Requirements

Course	Course Title	Min Credits
General Education Requirements		
GEM 1 - Written Communication course		3
GEM 2 - Oral Communication course		3
GEM 3 - Mathematical Ways of Knowing course		3
GEM 6 - Social & Behavioral Ways of Knowing course		3
GE Elective course		3
Major Requirements		
AMET 121	DC Circuits and Application	5
AMET 131	AC Circuits and Application	5
AMET 136	Industrial Tools and Fabrication	3
AMET 141	Analog Circuits and Application	5
AMET 151	Digital Circuits and Application	4
AMET 196	Fundamentals of Microcontrollers	3
AMET 201	Programmable Logic Controllers	5
AMET 221	Industrial Automated Controls and Instrumentation	4
AMET 231	Industrial Robotics	5
AMET 236	Fluid Power Systems	2
AMET 241	Industrial Communications	4
AMET 251	Industry Certifications	2
AMET 290	Applied Mechatronics	5
Minimum Credit Hours Required		**67**

IMPORTANT: Students can replace up to 15 credits from technical courses numbered 196 and above (except AMET 251 Industry Certifications*) with qualified technical classes taken elsewhere. Program-approved Equivalent Technical Credits may also be accepted.* **Only State of Idaho approved Badges may qualify for Equivalent Technical Credits.** *(Qualified technical classes and earned badges are subject to program approval.)*