

# APPLIED ENGINEERING & TECHNOLOGY, A.T.- CONTROL SYSTEMS TECHNOLOGY

The associate-degree program in Applied Engineering and Technology prepares technicians with the liberal arts, technological literacy and technical preparation for either direct employment or the seamless continuation in a bachelor's-degree program in applied engineering and technology management (AETM) or occupational safety and environmental health (OSEH). Technical concentrations in the associate of technology program include advanced manufacturing, computer-aided drafting and design (CADD), construction, control systems, graphic communications, nanofabrication and occupational safety.

Applied Engineering & Technology, A.T.- Control Systems Technology

## Major in Appl Eng Tech-AT

Code	Title	Hours
AENG 130	Production Materials & Processes	3
AENG 241	Drafting Communications	3
AENG 261	Electronic Systems	3
AENG 262	Semiconductor Electronics	3
AENG 325	Power Conversion and Control	3
AENG 326	Fluid Power	3
AENG 342	Computer-Aided Engineering Drawing	3
OSEH 120	Fundamentals of Safety, Health, Environmental Issues	3
Directed Electives - Choose 2 of the following:		6-15
AENG 300	Co-Op Ed Experience in AENG	
AENG 364	Digital Electronics	
AENG 425	Industrial Robotic Systems	
AENG 427	Programmable Logic Controllers	
AENG 467	Mobile Robotics	
AENG 468	Control Network Integration	
<b>Total Hours</b>		<b>30-39</b>