

# APPLIED ENGINEERING & TECHNOLOGY, A.T. - COMPUTER AIDED DRAFT/ DESIGN

The associate-degree program 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.- Computer Aided Drafting and Design

## Major in Appl Eng Tech-AT

Code	Title	Hours
AENG 130	Production Materials & Processes	3
AENG 241	Drafting Communications	3
AENG 342	Computer-Aided Engineering Drawing	3
AENG 344	Product Design	3
AENG 346	Architectural Drawing	3
OSEH 120	Fundamentals of Safety, Health, Environmental Issues	3
Directed Electives - Choose 4 of the following:		12-21
AENG 110	Communication and Information Systems	
AENG 120	Energy Systems	
AENG 243	Technical Sketching, Design & Rendering	
AENG 300	Co-Op Ed Experience in AENG	
AENG 345	Statics/Strength of Materials	
AENG 347	Engineering Visualization	
AENG 446	Advanced Applications in Drafting and Design	
AENG 448	Machine Tool Design	
<b>Total Hours</b>		<b>30-39</b>