

# COMPUTER AIDED DRAFTING/ DESIGN MINOR

Students taking the Computer-Aided Drafting minor complete 18 credits of technical courses. One of these is a foundational course in drafting and design and then students choose five technical courses from topics like production materials and processes, computer-aided engineering drawing, product design, architectural drawing, and several others.

## ***Regulations Governing Minor Course Work***

1. There shall be a minimum of 18.0 credit hours with a minimum Millersville QPA of 2.0.
2. Only one course which counts toward your major may be counted toward your minor.
3. Courses that count toward a minor are also eligible to be used to satisfy the current University-wide General Education requirements subject to normal distribution requirements.
4. At least two courses should be at the upper-division level (300-400). Exceptions may be requested upon evidence of program depth.
5. No course needed for the minor may be taken Pass-Fail.
6. One-half or more of the work required for the minor must be completed at Millersville University.
7. No student may minor in his or her major.

## **Minor in Computer Aided Drafting/Design**

Code	Title	Hours
AENG 241	Drafting Communications	3
Computer Aided Drafting/Design Electives - Choose 5 of the following:		15
AENG 130	Production Materials & Processes	
AENG 243	Technical Sketching, Design & Rendering	
AENG 342	Computer-Aided Engineering Drawing	
AENG 344	Product Design	
AENG 345	Statics/Strength of Materials	
AENG 346	Architectural Drawing	
AENG 347	Engineering Visualization	
AENG 446	Advanced Applications in Drafting and Design	
AENG 448	Machine Tool Design	
<b>Total Hours</b>		<b>18</b>