AUTOCAD, CERTIFICATE

Requirements for an undergraduate certificate may be completed at any campus location offering the specified courses for the certificate.

Program Description

The AutoCAD: Computer-Aided Drafting Certificate is an introduction to AutoCAD, the industry standard for high-quality engineering graphics. Knowing AutoCAD will open many doors for you in the workplace. In fact, more and more jobs require a working knowledge of AutoCAD, an industry standard for high-quality engineering graphics. Classes will be "hands on" in the computer lab during convenient evening hours. Students who take the classes in this certificate will:

- Learn drawing vocabulary used on blueprints-apply that vocabulary to produce drawings
- Understand sectional views
- Create 2D drawings
- Develop computer skills for drafting-learn commands, views, etc.
- Create 3D models

What is AutoCAD?

Computer software to model, design, and analyze a wide variety of two and three dimensional objects.

You Might Like This Program If...

- You will enter an engineering industry that will require creating, revising, or interpreting 2D or 3D drawings.
- You desire a skill set that applies to most activities involved with modern technology.

Program Requirements

To earn an undergraduate certificate in AutoCAD, a minimum of 8 credits is required.

Code	Title	Credits
Prescribed Courses		
EDSGN 100	Cornerstone Engineering Design	3
EGT 102	Introduction to Computer Aided Drafting	1
EGT 114	Spatial Analysis and Computer-Aided Drafting	2
EGT 201	Advanced Computer Aided Drafting	2

No Prerequisites Required.

Program Learning Objectives

- **Recognize Drawing Vocabulary:** Recognize drawing vocabulary used on 2D drawings
- **Apply Drawing Vocabulary:** Apply drawing vocabulary to produce 2D drawings
- **Create 3D models:** Create 3D models

Academic Advising

The objectives of the university's academic advising program are to help advisees identify and achieve their academic goals, to promote their intellectual discovery, and to encourage students to take advantage of both in-and out-of class educational opportunities in order that they become self-directed learners and decision makers.

Both advisers and advisees share responsibility for making the advising relationship succeed. By encouraging their advisees to become engaged in their education, to meet their educational goals, and to develop the habit of learning, advisers assume a significant educational role. The advisee's unit of enrollment will provide each advisee with a primary academic adviser, the information needed to plan the chosen program of study, and referrals to other specialized resources.

READ SENATE POLICY 32-00: ADVISING POLICY (https://senate.psu.edu/policies-and-rules-for-undergraduate-students/32-00-advising-policy/)

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