



Certified Autocad Engineer

Course Overview



This program is intended for students pursuing careers in the field of Civil CAD Drafting. Civil drafters create drawings for the civil engineering industry, including areas of land development, transportation, public works, environmental, landscaping, surveying, design visualization and many others. Students may also use the training offered in the Civil CAD Specialization to prepare for transfer to a university program. Students who choose the Civil CAD Specialization career track are often employed by Civil Engineering firms, Surveying companies and Government agencies.

Course Outline

Special points of interest:

- Briefly highlight your point of interest here.
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- Utilize CAD software to plan and prepare construction documents and technical graphics appropriate to the civil engineering industry
- Operate AEC (Architecture/Engineering/Construction) software as applicable to civil drafting and design processes
- Demonstrate knowledge of civil drafting and design; and familiarity with land development codes and design criteria
- Differentiate between various infrastructure drawing types and determine their appropriate uses in civil engineering projects
- Prepare illustrations, visualizations and animations appropriate to the civil engineering industry
- Perform analysis, calculations and prepare drawings appropriate to storm water management.