



Start Your Future Here

• CAD CERTIFICATE

- This certificate is expected to serve students interested in the drafting and design fields. Drafters use software to convert the designs of engineers and architects into technical drawings and plans. Workers specialize in architectural, civil, electrical, or mechanical drafting and use technical drawings to help design everything from microchips to buildings. Drafting and design is an expanding field and the department of labor estimates that more than 2000 new jobs will be opening from 2012-2020. With this certificate students can either go directly to work in the field of drafting and design or transfer to complete a 4 year degree in their respective areas.

These careers typically require 40 Hour work weeks with a general starting salary range of \$25,000-\$40,000. Upon Completion of this certificate you can transfer to either complete a 2 year or 4 year degree program to advance your skills.

Who We Are

About Us

Shawnee Community College is a rural college located in Ullin Illinois. The college was formed in 1967 and serves Southern Illinois and its people including the counties of Alexander, Pulaski, Union, Massac, Johnson, and Jackson Counties.

Mission Statement

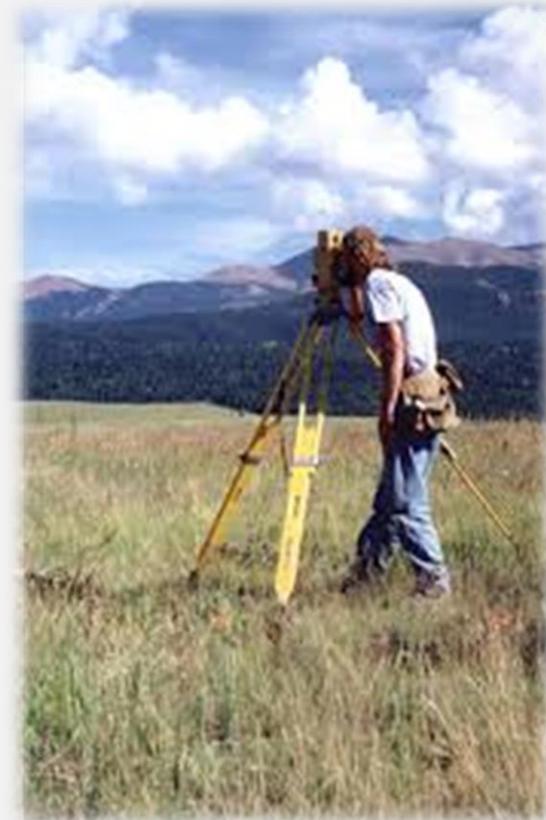
Shawnee Community College's mission is to serve the needs of the students and our diverse community by providing quality higher education, community education, training, and services that are accessible, affordable, and promote life-long learning.

Contact Us:

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CAD/SURVEYING CERTIFICATE PROGRAMS



Your Success Story Begins Here



SURVEYING CERTIFICATE

This certificate is expected to serve students interested in the surveying and civil engineering fields. Surveyors make precise measurements to determine property boundaries. They provide data relevant to the shape and contour of the Earth's surface for engineering, mapmaking, and construction projects. Civil engineers design, construct, supervise, operate, and maintain large construction projects and systems, including roads, buildings, airports, tunnels, dams, bridges, and systems for water supply and sewage treatment. The Department of Labor estimates a 10 percent increase in these fields from 2012-2020. With this certificate, students can either go directly to work as technicians or transfer to complete a 4 year degree in surveying to lead to licensure.

CAD CERTIFICATE

DRA 128- Intro to Computer Assisted Drafting- 3 Hours

DRA 121- Architectural Drafting- 3 Hours

DRA 123 Civil Drafting- 2 Hours

DRA 135- Mechanical Drafting- 2 Hours

DRA 134- Drafting Applications 3D- 3 Hours

OSH 101- Introduction To OSHA Workplace Safety-1 Hour

MATH 121- Technical Math For Drafting- 3 Hours

IMT 145- Basic Blueprint Reading- 3 hours

20 Credit Hours Total

SURVEYING CERTIFICATE

DRA 128- Intro to Computer Assisted Drafting- 3 Hours

DRA 123- Civil Drafting- 2 Hours

OSH 101- Introduction To OSHA Workplace Safety-1 Hour

MATH 121- Technical Math- 3 Hours

SUR 130- Surveying 1-3 Hours

IMT 145- Blueprint Reading- 3 hours

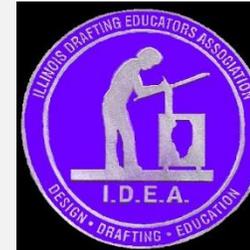
SUR 131- Surveying 2- 4 hours

19 Credit Hours Total



Industry Credentials

All students will graduate with a 10 hour OSHA Construction safety certification and will take at least one of the Autodesk certification exams in their respective Computer Drafting areas.



Potential Careers

Surveyor- They provide mapping, measurement of property lines, and construction layout.

Cad Technician- They complete the detailed computer drawings for Engineering, Architecture, Construction, and Surveying Projects

Architect- They design buildings both commercially and residentially.

Civil Engineering- They design roadways, land layouts, water, drainage, and wastewater systems for our country.