

# CONSTRUCTION SUPERVISION, CERTIFICATE (CSUP)

Effective: Fall 2004

The Construction Supervision program is designed for individuals with an established background in the construction trades who are seeking advancement to supervisory leadership positions. The core courses will develop an appreciation of the importance of good communication skills, human relations skills and the fundamental challenges of achieving organizational goals through the efforts of others. Emphasis is placed on understanding the legal, contractual and organizational practices that form the basis of an effective construction organization. The Construction Supervision electives provide an additional component of focused activity relevant to the students particular trade background and professional goals. Typical job titles serviced by this curriculum include Construction Foreman, Construction Group Leader and Site Superintendent.

## Program Outcomes

Upon successful completion of this program, students should be able to:

- Manipulate technical information related to methods and materials of construction.
- Explain the functions of standard construction documents and procedures.
- Follow a standard protocol for the preparation of project data.
- Discuss characteristics of effective leadership in achieving results through the effort of others.
- Track time duration information for the completion of an activity.
- Explain the application of common laws and regulations pertaining to job-site activity.
- Define the elements of effective human relations on the job site.
- Identify the specific components of a site management system.
- Describe the critical elements of a job site safety program.
- Define construction closeout procedures.

## Full-Time Academic Plan

The College will award a certificate of proficiency to students who complete 30 credits of an approved career program. These credits will not normally include physical education, developmental, basic and/or continuing education courses and will usually consist of 24 credits in the career specialty and six credits in general education. At least 15 of the credits must be earned at Delaware County Community College. The student must have a cumulative GPA of 2.0 or higher.

First Semester		Hours
TCC 111	Technical Communications	3
TCS 100	Construction Blueprint Reading	3
TCS 108	Construction Supervision	3
Construction Supervision Elective		3
<b>Hours</b>		<b>12</b>
Second Semester		Hours
TCS 109	Construction Project Administration	3
MAT 128	Algebra	4
TCS 141	Construction First Aid/Safety	3

Construction Supervision Elective	3
<b>Hours</b>	<b>13</b>
<b>Total Hours</b>	<b>25</b>

## Notes

### Program Electives

Code	Title	Hours
TCC 112	CADD Graphics	3
TCC 121	Project Management Processes	3
TCC 122	2-D CADD	3
TCC 111	Technical Communications	3
TCC 112	CADD Graphics	3
TCS 131	Estimating I	3
TCS 132	Estimating II	3
TCS 221	Construction Survey and Layout	3
ARC 121	Architectural Graphics I	3
ARC 226	Mechanical and Electrical Systems in Buildings	3
TME 216	Statics and Strength of Material	4

## Part-Time Academic Plan

Code	Title	Hours
First Semester		
TCC 111	Technical Communications	3
TCS 108	Construction Supervision	3
Second Semester		
TCS 100	Construction Blueprint Reading	3
TCS 109	Construction Project Administration	3
Third Semester		
TCS 141	Construction First Aid/Safety	3
MAT 128	Algebra	4
Fourth Semester		
Construction Supervision Elective *		3
Construction Supervision Elective *		3
<b>Total Hours</b>		<b>25</b>

\* See Electives list on Full-Time Academic Plan Tab (p. 1).

## Career