

Advanced CAD Technician Certificate Program AC51

Updated: 5/06/2015
Effective Term: 201516

Curriculum

Program-Specific Core – Total of 8 Hours

- DFTG 1101 CAD Fundamentals (4)
- DFTG 1103 Multiview/Basic Dimensioning (4)

Drafting Electives – Choose 3 Hours

Choose a Specialization – Total of 20 Hours

Mechanical Drafting Specialization

- DFTG 1105 3D Mechanical Drawing (4)
- DFTG 1107 Adv. Dimensioning/Sect. Views (4)
- DFTG 1109 Auxiliary Views/Surface Dev. (4)
- DFTG 1111 Fasteners (4)
- DFTG 1113 Assembly Drawings (4)

Architectural Drafting Specialization

- DFTG 1125 Architectural Fundamentals (4)
- DFTG 1127 Architectural 3D Modeling (4)
- DFTG 1129 Residential Drawing I (4)
- DFTG 1131 Residential Drawing II (4)
- DFTG 1133 Commercial Drawing I (4)

Total: 31 Hours

Drafting Electives

- COMP 1000 Introduction to Computers (3)
- DFTG 1105 3D Mechanical Drawing (4)
- DFTG 1107 Adv. Dimensioning/Sect. Views (4)
- DFTG 1109 Auxiliary Views/Surface Dev. (4)
- DFTG 1111 Fasteners (4)
- DFTG 1113 Assembly Drawings (4)
- DFTG 1125 Architectural Fundamentals (4)
- DFTG 1127 Architectural 3D Modeling (4)
- DFTG 1129 Residential Drawing I (4)
- DFTG 1131 Residential Drawing II (4)
- DFTG 1133 Commercial Drawing I (4)
- DFTG 2010 Engineering Graphics (4)
- DFTG 2020 Visualization & Graphics (3)
- DFTG 2030 Adv. 3D Modeling Architectural (4)
- DFTG 2040 Adv. 3D Modeling Mechanical (4)
- DFTG 2110 Print Reading I (2)
- DFTG 2120 Print Reading/Architecture (3)
- DFTG 2130 Manual Drafting Fundamentals (2)
- DFTG 2210 Print Reading II (2)
- DFTG 2300 Drafting Practicum/Internship III (3)
- DFTG 2400 Drafting Practicum/Internship IV (4)
- DFTG 2500 Drafting Exit Review (3)
- DFTG 2600 Drafting Practicum/Internship VI (6)
- MGMT 1125 Business Ethics (3)
- MGMT 2155 Quality Management Principles (3)
- MGMT 2210 Project Management (3)

Program Description

The Advanced CAD Technician certificate of credit provides advanced level CAD skills to individuals interested in furthering their knowledge in the area of computer-aided drafting. Program graduates will receive an Advanced CAD Technician certificate of credit.

Program Specific Information

Students are accepted each semester based on course and space availability.

Program Length & Availability

3 Semesters

Campus Availability: Oakwood

Admissions Requirements

- Must be 16 years of age.
- High school diploma or GED is required prior to graduation.
(Official transcripts or GED scores must be submitted from all colleges and/or high schools attended for credit.)
- ACCUPLACER Testing, or submit SAT, ACT, CPE, COMPASS, or ASSET test scores.

Financial Aid

This program is not eligible for the Pell Grant, but may be eligible for Institutional and State Financial Aid. Contact a Financial Aid Counselor for eligibility requirements and application materials.

For more information about our graduation rates, the median debt of students who complete programs, and other important information please visit our website:

<http://www.laniertech.edu/GE.aspx>