

Drafting Technology

Degree Program

DT13

Updated: 5/06/2015
Effective Term: 201516

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Curriculum

General Education Core – Total of **15 Hours**

Area I – Language Arts/Communications – Choose **3 Hours**

ENGL 1101 *Composition & Rhetoric* (3)

Area II – Social/Behavioral Sciences – Choose **3 Hours**

ECON 1101 *Principles of Economics* (3)

ECON 2105 *Macroeconomics* (3)

ECON 2106 *Microeconomics* (3)

HIST 1111 *World History I* (3)

HIST 1112 *World History II* (3)

HIST 2111 *U.S. History I* (3)

HIST 2112 *U.S. History II* (3)

POLS 1101 *American Government* (3)

POLS 2401 *Global Issues* (3)

PSYC 1101 *Introductory Psychology* (3)

SOCI 1101 *Introduction to Sociology* (3)

Area III – Natural Sciences/Mathematics – Choose **6 Hours**

MATH 1111 *College Algebra* (3) *Required

MATH 1112 *College Trigonometry* (3) - OR -

MATH 1113 *Precalculus* (3)

Area IV – Humanities/Fine Arts – Choose **3 Hours**

ARTS 1101 *Art Appreciation* (3) HUMN 1101 *Intro. to Humanities* (3)

ENGL 2110 *World Literature* (3) MUSC 1101 *Music Appreciation* (3)

ENGL 2130 *American Literature* (3)

Program-Specific Core – Total of **8 Hours**

DFTG 1101 *CAD Fundamentals* (4)

DFTG 1103 *Multiview/Basic Dimensioning* (4)

Choose a Specialization – Total of **37 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)

Mechanical Drafting Electives – Choose 17 Hours

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)

Architectural Drafting Electives – Choose 17 Hours

Mechanical Drafting Electives

COMP 1000 *Introduction to Computers* (3)

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)

Architectural 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 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)

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>.

Total: 60 Hours

Drafting Technology

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Program Description

The Drafting Technology Associate of Applied Science degree program prepares students for employment in a variety of positions in the drafting field, such as drafter or CAD operator, based on the specialization area a student chooses to complete. The program provides learning opportunities which introduce, develop, and reinforce academic and technical knowledge, skills, and attitudes required for job acquisition, retention, and advancement. Additionally, the program provides opportunities to upgrade present knowledge and skills or retrain in drafting practices and software.

Program Specific Information

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

Program Length & Availability

4 Semesters

Campus Availability: Oakwood

Admissions Requirements

- Must be 16 years of age.
- High school diploma or GED is required prior to admission.
(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 eligible for the Pell Grant and may be eligible for Institutional and State Financial Aid. Contact a Financial Aid Counselor for eligibility requirements and application materials.

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