# Drafting Technology

## Degree Program

**DT13**

### 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)
- HIST 1111 World History I (3)
- HIST 1112 World History II (3)
- POLS 1101 American Government (3)
- PSYC 1101 Introductory Psychology (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)
- ENGL 2110 World Literature (3)
- ENGL 2130 American Literature (3)
- HUMN 1101 Intro. to Humanities (3)
- MUSC 1101 Music Appreciation (3)
- RELG 1101 World Religions (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 1109 Auxiliary Views/Surface Dev. (4)
- DFTG 1111 Fasteners (4)
- DFTG 1113 Assembly Drawings (4)

**Mechanical Drafting Electives – Choose 17 Hours**

- 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)
- MGMT 1125 Business Ethics (3)
- MGMT 2155 Quality Management Principles (3)
- MGMT 2210 Project Management (3)

#### Architectural Drafting Specialization

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

**Architectural Drafting Electives – Choose 17 Hours**

- COMP 1000 Introduction to Computers (3)
- DFTG 1105 3D Mechanical Drawing (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)
- 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

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Equal Opportunity Institution

Program Costs

Technology Requirements
Drafting Technology
Degree Program
DT13

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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