### Drafting Technology

**Diploma Program**

**DT12**

**Curriculum**

**Basic Skills – Total of 8 Hours**

- ENGL 1010 *Fundamentals of English I* (3)
- EMPL 1000 *Interpersonal Relations* (2)
- MATH 1012 *Foundations of Mathematics* (3) - OR -
  MATH 1013 *Algebraic Concepts* (3)

**Program-Specific Core – Total of 11 Hours**

- DFTG 1015 *Practical Math for Drafting Tech* (3) - OR -
  MCHT 1013 *Machine Tool Math* (3)

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

**Choose a Specialization – Total of 27 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 7 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 7 Hours**

**Total: 46 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 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](http://www.laniertech.edu/GE.aspx).
Drafting Technology
Diploma Program
DT12

Program Description
The Drafting Technology diploma program prepares students for employment in a variety of positions in the drafting field, such as drafter, CAD operator, or Civil Tech 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 each semester based on space and course 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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