Flow Chart - Drafting and Design

Note: This Flow Chart Supports Students Starting in the Fall Semester. Students Starting in the Spring or Summer need to Speak with Their Advisor to Discuss Course Progression.

Freshman 1
Hours Taken:14
ENGL 101 - Freshman Composition

Freshman 2
Hours Taken:15
ENGL 102 - Critical Reading Writing

Sophomore 1
Hours Taken:16
ENGL 230, 231, or 322

Sophomore 2
Hours Taken:16
ENGL 322 - Technical Writing

Junior 1
Hours Taken:16

Junior 2
Hours Taken:15

Senior 1
Hours Taken:16

Senior 2
Hours Taken:12

English, Comm., Languages

Math and Sciences

Math 161 - College Algebra
Math 162 OR Math 241

Math 162 OR Math 241

Chem 101 - General Chemistry 1

PHYS 191 - General Physics

CLAB 103 - General Chemistry 1 Lab

PHYS 193 - General Physics Lab

IT 100 Intro to Basic Electronics and Electronics

IT 233 Intro to Basic Electronics and Electronics

Second Science Lab (CHEM or PHYS)

Second Science (CHEM or PHYS)

Technical Elective

Core IT, ET, and DDT Classes

IT 111 - Engineering Drafting

IT 112 - Adv. 3D CAD + Descriptive Geometry (SP only)

IT 242 - Materials and Processes

IT 351 - Machine Tool and Technology

IT 333 - Fundamentals of Mechanical Design (SP only)

IT 355 - Fundamentals of Mechanical Design (SP only)

IT 405 - Work Methods and Measurement

IT 406 - Facilities Planning and Design

IT 256 - Principles and Metallurgy of Welding

IT 258 - Principles and Metallurgy of Welding

IT 215 - 3D Rendering Using CAD Software (SP only)

IT 216 - 3D Rendering Using CAD Software (SP only)

DDT 113 - Architectural Design

DDT 312 - Machine Design Drafting (SP only)

DDT 316 - Advanced CAD (SP only)

DDT 411 - Industrial Design (SP only)

DDT 416 - Advanced CAD

Other

SE 101

Comm 211

OSHE 111 - Introduction to OSHE

ACCT 200

Art, Mus, Dnce, Thea

History

ECON 201

SOC 101 OR PSYC 101

Last Updated: 10/24/2022