

Industrial Technology - DRAFTING/DESIGN Concentration**Bachelor of Science**

NAME:

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	Grade	Semester	Minimum Grade of D Required:	Grade	Semester	Minimum Grade of C required:	
ENGLISH (12 hrs)			ENGL 101 Freshman Composition (3 hrs)			OSHE 111 Introduction to OSHE (3 hrs)	
			ENGL 102 Critical Reading and Writing (3 hrs)			CMPS 173 Software for Management of Data (3 hrs)	
			ENGL 230, 231 <i>or</i> 232 (3 hrs)			IT 100 Introduction to Industrial Technology (3 hrs)	
NATURAL SCIENCE (16 hrs)			ENGL 322 Intro to Prof and Technical Writing (3 hrs)			IT 111 Engineering Drafting (3 hrs)	Core (33 hours)
			Biology Lecture _____ (3 hrs)			IT 233 Intro to Basic Electricity and Electronics (3 hrs)	
			Biology Lab _____ (1 hr)			IT 242 Materials and Processes (3 hrs)	
			Chemistry - CHEM 101 Lecture (3 hrs)			IT 256 Principles and Metallurgy of Welding (3 hrs)	
			Chemistry - CLAB 103 Lab (1 hr)			IT 264 Industrial Fluid Power (3 hrs)	
			Physics - PHYS 191 Lecture (3 hrs)			IT 351 Machine Tool and Technology (3 hrs)	
			Physics - PLAB 193 Lab (1 hr)			IT 405 Work Methods and Measurement (3 hrs)	
			Second Science Course Lecture (3 hrs)			IT 406 Facilities Planning and Design (3 hrs)	
			Second Science Course Lab (1 hr)			DDT 113 Architectural Design (3 hrs)	
	For Second Science lecture/lab, students MUST choose either Chemistry CHEM 102 / CLAB 104 or Physics PHYS 192 / PLAB 194.					DDT 211 Pipe Drafting (3 hrs)	DD Concentration (24 hrs)
Business			ACCT 200 Introduction of Financial Accounting (3 hrs)			DDT 312 Advanced Machine Design Drafting (3 hrs)	
			ECON 201 Macroeconomics (3 hrs)			DDT 316 Advanced Computer-Aided Drafting and Design (3 hrs)	
			MGMT 351 Principles of Management (3 hrs)			DDT 411 Industrial Design (3 hrs)	
OTHER (14 hrs)			ART, DNCE, MUS, or THEA (3 hrs)			IT 112 Descriptive Geometry (3 hrs)	Tech Elec
			History _____ Any HIST course (3 hrs)			IT 215 3D Rendering Using CAD Software (3 hrs)	
			COMM 211 Introduction to Public Speaking (3 hrs)			IT 333 Fundamentals for Mechanical Design (3 hrs)	
			Sociology - SOC 101 <i>or</i> Psychology PSYC 101 (3 hrs)			_____ Technical Electives: MGMT, IT, DDT (3 hrs)	
MATH (9 hrs)			SE 101 <i>or</i> Free Elective (2 hrs) not required of transfer or re-admitted	Other DDT Courses Commonly offered: DDT 215 Light Commercial Building Drafting DDT 216 Civil Drafting Technology DDT 218 Special Topics in Drafting DDT 311 Process Piping/Plant Design DDT 415 Fundamentals of MicroStation and GIS			
			MATH 161 College Algebra (3 hrs)				
			MATH 162 Plane Trigonometry (3 hrs)				
			MATH 241 Elementary Statistics (3 hrs)				

LAST UPDATED: 06/05/2023

TOTAL SEMESTER HOURS: 120

(NOTE: ½ of all major hours must be taken at Southeastern.)