

# Industrial Technology - DRAFTING/DESIGN Concentration

## Bachelor of Science

NAME:

W#:

	Grade	Semester	Minimum Grade of D Required:	Grade	Semester	Minimum Grade of C required:	
ENGLISH (12 hrs)			<b>ENGL 101</b> Freshman Composition (3 hrs)			<b>OSHE 111</b> Introduction to OSHE (3 hrs)	Core (33 hours)
			<b>ENGL 102</b> Critical Reading and Writing (3 hrs)			<b>CMPS 173</b> Software for Management of Data (3 hrs)	
			<b>ENGL 230, 231</b> <i>or</i> <b>232</b> (3 hrs)			<b>IT 100</b> Introduction to Industrial Technology (3 hrs)	
		<b>ENGL 322</b> Intro to Prof and Technical Writing (3 hrs)			<b>IT 111</b> Engineering Drafting (3 hrs)		
NATURAL SCIENCE (16 hrs)			<b>Biology</b> Lecture _____ (3 hrs)			<b>IT 233</b> Intro to Basic Electricity and Electronics (3 hrs)	
			<b>Biology</b> Lab _____ (1 hr)			<b>IT 242</b> Materials and Processes (3 hrs)	
			<b>Chemistry - CHEM 101</b> Lecture (3 hrs)			<b>IT 256</b> Principles and Metallurgy of Welding (3 hrs)	
			<b>Chemistry - CLAB 103</b> Lab (1 hr)			<b>IT 264</b> Industrial Fluid Power (3 hrs)	
			<b>Physics - PHYS 191</b> Lecture (3 hrs)			<b>IT 351</b> Machine Tool and Technology (3 hrs)	
			<b>Physics - PLAB 193</b> Lab (1 hr)			<b>IT 405</b> Work Methods and Measurement (3 hrs)	
			<b>Second Science</b> Course Lecture (3 hrs)			<b>IT 406</b> Facilities Planning and Design (3 hrs)	
			<b>Second Science</b> Course Lab (1 hr)			<b>DDT 113</b> Architectural Design (3 hrs)	
		For Second Science lecture/lab, students <b>MUST</b> choose either Chemistry CHEM 102 / CLAB 104 or Physics PHYS 192 / PLAB 194.				<b>DDT 211</b> Pipe Drafting (3 hrs)	DD Concentration (24 hrs)
Business			<b>ACCT 200</b> Introduction of Financial Accounting (3 hrs)			<b>DDT 312</b> Advanced Machine Design Drafting (3 hrs)	
			<b>ECON 201</b> Macroeconomics (3 hrs)			<b>DDT 316</b> Advanced Computer-Aided Drafting and Design (3 hrs)	
			<b>MGMT 351</b> Principles of Management (3 hrs)			<b>DDT 411</b> Industrial Design (3 hrs)	
OTHER (14 hrs)			<b>ART, DNCE, MUS, or THEA</b> (3 hrs)			<b>IT 112</b> Descriptive Geometry (3 hrs)	
			<b>History</b> _____ Any HIST course (3 hrs)			<b>IT 215</b> 3D Rendering Using CAD Software (3 hrs)	
			<b>COMM 211</b> Introduction to Public Speaking (3 hrs)			<b>IT 333</b> Fundamentals for Mechanical Design (3 hrs)	
			Sociology - <b>SOC 101</b> <i>or</i> Psychology <b>PSYC 101</b> (3 hrs)			_____ Technical Electives: MGMT, IT, DDT (3 hrs)	
MATH (9 hrs)			<b>SE 101</b> <i>or</i> <b>Free Elective</b> (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			Tech Elec
			<b>MATH 161</b> College Algebra (3 hrs)				
			<b>MATH 162</b> Plane Trigonometry (3 hrs)				
			<b>MATH 241</b> Elementary Statistics (3 hrs)				

LAST UPDATED: 08/02/2022

TOTAL SEMESTER HOURS: 120

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