

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)			ENGL 101 Freshman Composition (3 hrs)			OSHE 111 Introduction to OSHE (3 hrs)	Industrial Technology (36 hours)
			ENGL 102 Critical Reading and Writing (3 hrs)			IT 111 Engineering Drafting (3 hrs)	
			ENGL 230, 231 <u>or</u> 232 (3 hrs)			IT 112 Descriptive Geometry (3 hrs)	
			ENGL 322 Intro to Prof and Technical Writing (3 hrs)			IT 233 Intro to Basic Electricity and Electronics (3 hrs)	
NATURAL SCIENCE (16 hrs)			Biology Lecture _____(3 hrs)			IT 236 Advanced 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 322 Materials Science and Metallurgy (3 hrs)	
			Physics - PLAB 193 Lab (1 hr)			IT 351 Machine Tool and Technology (3 hrs)	
			Second Science Course Lecture (3 hrs)			IT 405 Work Methods and Measurement (3 hrs)	
			Second Science Course Lab (1 hr)			IT 406 Facilities Planning and Design (3 hrs)	
		For Second Science lecture/lab choose either Chemistry CHEM 102 / CLAB 104 or Physics PHYS 192 /PLAB 194.				IT 215 Computer-Aided Drafting (3 hrs)	
Computing/Business			ACCT 200 Introduction of Financial Accounting (3 hrs)			DDT 411 Industrial Design (3 hrs)	Concentration (21 hrs)
			MGMT 351 Principles of Management (3 hrs)			DDT 100-200 Level Course (3 hrs)	
			ECON 201 Macroeconomics (3 hrs)			DDT 100-200 Level Course (3 hrs)	
			CMPS 173 Software for Management of Data (3 hrs)			DDT 200-300 Level Course (3 hrs)	
OTHER (14 hrs)			ART, DNCE, MUS, <u>or</u> THEA (3 hrs)			DDT 200-300 Level Course (3 hrs)	
			History _____ Any HIST course (3 hrs)			DDT 300-400 Level Course (3 hrs)	
			COMM 211 Introduction to Public Speaking (3 hrs)	Possible DDT Courses for Concentration			
MATH (9 hrs)			Sociology - SOC 101 <u>or</u> Psychology PSYC 101 (3 hrs)			DDT 113 Architectural Drafting	
			SE 101 or Free Elective (2 hrs) not required of transfer or re-admitted students with 30 hours or more.			DDT 114 Technical Illustration	
			MATH 161 College Algebra (3 hrs)			DDT 211 Pipe Drafting	
			MATH 162 Plane Trigonometry (3 hrs)			DDT 212 Machine Design Drafting	
		MATH 165 Precalculus with Trig <u>or</u> MATH 241 Elemen. Statistics (3 hrs)			DDT 215 Light Commerical Building Drafting		
					DDT 216 Civil Drafting Technology		
					DDT 218 Special Topics in Drafting		
					DDT 311 Process Piping/Plant Design		
					DDT 316 Advanced Computer-Aided Drafting and Design		
					DDT 415 Fundamentals of MicroStation and GIS		

LAST UPDATED: 06/6/2013

TOTAL MAJORS HOURS: 57 TOTAL SEMESTER HOURS: 120
(NOTE: ½ of all major hours must be taken at Southeastern.)