

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)	Core (33 hours)
			ENGL 102 Critical Reading and Writing (3 hrs)			*CMPS 173 Software for Management of Data (3 hrs)	
			ENGL 230, 231 <u>or</u> 232 (3 hrs)			IT 100 Introduction to Industrial Technology (3 hrs)	
		ENGL 322 Intro to Prof and Technical Writing (3 hrs)			IT 111 Engineering Drafting (3 hrs)		
NATURAL SCIENCE (16 hrs)			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 Archtitectural Design (3 hrs)	
		For Second Science lecture/lab choose either Chemistry CHEM 102 / CLAB 104 or Physics PHYS 192 / PLAB 194.				DDT 211 Pipe Drafting (3 hrs)	DD Concentration (15 hrs)
Business			ACCT 200 Introduction of Financial Accounting (3 hrs)			DDT 212 Machine Design and 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, <u>or</u> THEA (3 hrs)			_____ Technical Electives: MGMT, IT, DDT (3 hrs)	Tech Elec (12 hrs)
			History _____ Any HIST course (3 hrs)			_____ Technical Electives: MGMT, IT, DDT (3 hrs)	
			COMM 211 Introduction to Public Speaking (3 hrs)			_____ Technical Electives: MGMT, IT, DDT (3 hrs)	
			Sociology - SOC 101 <u>or</u> Psychology PSYC 101 (3 hrs)			_____ Technical Electives: MGMT, IT, DDT (3 hrs)	
			SE 101 or Free Elective (2 hrs) not required of transfer or re-admitted			Other DDT Courses Commonly offered: DDT 215 Light Commerical 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 (9 hrs)			MATH 161 College Algebra (3 hrs)			* Minimum grade of D is required in CMPS 173	
			MATH 162 Plane Trigonometry (3 hrs)				
			MATH 241 Elementary Statistics (3 hrs)				