Industrial Technology - <u>SUPERVISION</u> 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 or IT 302(3 hrs)	**Industrial Technology (36 hours)**
			ENGL 102 Critical Reading and Writing (3 hrs)			**IT 111** Engineering Drafting (3 hrs)	
			ENGL 230, 231 _or_ **232** (3 hrs)			**IT 215** Computer-Aided Drafting (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 308** Production Planning and Control (3 hrs)	**Concentration (15 hrs)**
Computing/Business			**ACCT 200** Introduction of Financial Accounting **or** MGMT 351 (3 hrs)			**IT 331** Industrial Control Systems (3 hrs)	
			ECON 201 Macroeconomics (3 hrs)			**IT 402** Indsutrial Supevision (3 hrs)	
			CMPS 173 Software for Management of Data (3 hrs)			**IT 407** Six Sigma Industrial Quality (3 hrs)	
			CMPS 273 Software for Storing and Analyzing Data(3 hrs)			**IT 442** CAD/CAM/Robotics (3 hrs)	
OTHER (14 hrs)			**ART, DNCE, MUS**, _or_ **THEA** (3 hrs)			[1]**IT** _____ Industrial Technology Technical Elective (3 hrs)	**Tech Electives**
			HIST 101, 102, 201, _or_ 202 (3 hrs)			[1]_____ Tech Elective: CMPS, ET, IT, MATH, MGMT or Science (3 hrs)	
			COMM 211 Introduction to Public Speaking (3 hrs)			[1]No 100-level course will be accepted as a Technical Elective without approval of the Department Head. CMPS 110 cannot be taken as a technical elective	
			Sociology - **SOC 101 or** Psyhcology **PSYC 101** (3 hrs)				
			SE 101 or Free Elective (2 hrs) not required of transfer or re-admitted students with 30 hours or more.			Notes:	
MATH (9 hrs)			**MATH 161** College Algebra (3 hrs)				
			MATH 162 Plane Trigonometry (3 hrs)				
			MATH 165 Precalculus with Trig **or MATH 241** Elemen. Statistics (3 hrs)				

LAST UPDATED: 06/6/2013   **TOTAL MAJORS HOURS: 57 TOTAL SEMESTER HOURS: 120**

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