

INDUSTRIAL TECHNOLOGY (B.S.) COMPUTER TECHNOLOGY CONCENTRATION

Curriculum Map

Course	Title	Hours
Freshman		
Fall		
CSC 115	DIGITAL COMPUTER PRINCIPLES	3
ENG 104 or ENG 103 or ENG 111	COMPOSITION I or English Composition I with Co-requisite Support or COMPOSITION & LITERATURE FOR L	3
MATH 111	COLLEGE ALGEBRA	3
UNIV 100	UNIVERSITY SUCCESS	2
Humanities & Fine Arts Option		3
Social & Behavioral Science Option		3
Hours		17
Spring		
ENG 105 or ENG 112	COMPOSITION II or COMPOSITION	3
CHEM 141 & CHML 141	GENERAL CHEMISTRY I and GENERAL CHEMISTRY LAB	4
ITE 180	Introduction to Robotics	3
MATH 112	PLANE TRIGONOMETRY	3
Pathway Option		3
Hours		16
Sophomore		
Fall		
IT 100	INTRO TO INDUSTRIAL TECHNOLOGY	1
ITE 111 & 111	BASIC ELECTRONICS and BASIC ELECTRONICS (Lab)	4
ITMA 105	INDUSTRIAL SAFETY & MANAGEMENT	3
ITD 114	COMPUTER-AIDED DRAFTING	3
Humanities & Fine Arts Option		3
Pathway Option		3
Hours		17
Spring		
ITE 112 & ITEL 112	INTERMEDIATE ELECTRONICS and INTERMEDIATE ELECTRONICS LAB	4
PHY 201 & PHYL 201	BASIC PHYSICS I and BASIC PHYSICS LAB I	4
MATH 221	CALCULUS I INDUST OR BUS	3
UNIV 200	CIVIC ENGAGEMENT	1
Pathway Option		3
Hours		15
Junior		
Fall		
ITE 221 & ITEL 221	DEVICES AND CIRCUITS I and DEVICE AND CIRCUITS LAB I	4
ITMA 325	INDUSTRIAL PSYCHOLOGY (W)	3
MNGT 351	MNGT INFORMATION SYSMS AND APP	3
ECO 211	PRINCIPLES OF MACROECONOMICS	3
Social & Behavioral Science Option		3
Hours		16
Spring		
ITE 338 & ITEL 338	DIGITAL LOGIC and DIGITAL LOGIC LAB I	4

IT 300	INTERNSHIP/INDUSTRIAL EXPERIEN (S)	3
Humanities & Fine Arts Option		3
General Elective		3
Hours		13
Senior		
Fall		
ITMA 410	1ST LINE SUPRVSN & FRMAN	3
ITE 449 & ITEL 449	NETWORK THEORIES and NETWORKING LAB	4
ITE 450	ANALOGICAL COMMUNICATION SYSTE	3
ITE 475	MICROPROCESSOR SOFTWARE/HARDWA	3
ITE 465	MICROPROCESSORS & APPLICATION	4
Hours		17
Spring		
ITE 466	MICROPROCESSOR TROUBLESHOOTING	3
ITE 476	REAL TIME SYSTEM DESIGN	3
ITMA 420	LABOR & INDUSTRIAL RELATIONS (W)	3
IT 490	SENIOR CAPSTONE (S)	3
Hours		12
Total Hours		123

Notes:

- Candidates that transfer 12 or more hours of college credit are exempt from UNIV 100 UNIVERSITY SUCCESS; however, the student must take 2 hours of general electives to replace the UNIV course.
- Online Graduation Clearance (**to be completed during the graduating semester only**).