

**BACHELOR OF  
SCIENCE**  
**INDUSTRIAL TECHNOLOGY**  
*Electronic Systems Technology*

The Electronic Systems Technology program is for students interested in the field of electronics. The program provides a core foundation of knowledge in electronics and electronic systems. Emphasis is placed on both the theory and practical application. By majoring in this field, students will learn skills needed for a wide variety of electronics-related positions.

*College of  
Science,  
Engineering,  
and Technology*

Student Name: \_\_\_\_\_

**COLLEGE OF  
SCIENCE, ENGINEERING, AND TECHNOLOGY  
INDUSTRIAL TECHNOLOGY  
ELECTRONIC SYSTEMS TECHNOLOGY**

Expected Graduation Date: \_\_\_\_\_

J-Number: \_\_\_\_\_

Advisor: \_\_\_\_\_

Pathway: \_\_\_\_\_

**FRESHMAN YEAR FALL 1ST SEMESTER**

COURSE	COURSE TITLE	CREDIT HOURS	COURSE TYPE	GRADE	SUCCESS MARKER/NOTE
UNIV 100	University Success	2	UR		
ENG 104	Composition I	3	GEC		
MATH 111	College Algebra	3	GEC		
CSC 115	Digital Computer Principles	3	DPR		
	Humanities & Fine Arts Option	3	GEC		
	Social & Behavioral Science Option	3	GEC		
	<b>TOTAL CREDIT HOURS</b>	<b>17</b>	<b>TERM GPA:</b>		

Comments:

**FRESHMAN YEAR SPRING 2nd SEMESTER**

COURSE	COURSE TITLE	CREDIT HOURS	COURSE TYPE	GRADE	SUCCESS MARKER/NOTE
ENG 105	Composition II	3	GEC		
MATH 112	Plane Trigonometry	3	DPR		
CHEM 141 & CHML 141	General Chemistry I and Lab	4	GEC		
ITE 180	Introduction to Robotics	3	DPR		
	Pathway Option	3	PATH		
	<b>TOTAL CREDIT HOURS</b>	<b>16</b>	<b>TERM GPA:</b>		

Comments:

**SOPHOMORE YEAR FALL 1ST SEMESTER**

COURSE	COURSE TITLE	CREDIT HOURS	COURSE TYPE	GRADE	SUCCESS MARKER/NOTE
IT 100	Introduction to Technology	1	DPR		
ITE 111 & ITEL 111	Basic Electronics & Lab	4	DPR		
ITMA 105	Industrial Safety Management	3	DPR		
ITD 114	Computer Aided Design	3	DPR		
	Humanities & Fine Arts Option	3	GEC		
	Pathway Option	3	PATH		
	<b>TOTAL CREDIT HOURS</b>	<b>17</b>	<b>TERM GPA:</b>		

Comments:

**SOPHOMORE YEAR FALL 2ND SEMESTER**

COURSE	COURSE TITLE	CREDIT HOURS	COURSE TYPE	GRADE	SUCCESS MARKER/NOTE
UNIV 200	Civic Engagement	1	UR		
MATH 221	Industrial Calculus I or Business Calculus I	3	DPR		
PHY 201 & PHYL 201	Basic Physics I & Lab	4	GEC		
ITE 112 & ITEL 112	Intermediate Electronics & Lab	4	DPR		
MNGT 330	Management to Organization	3	DPR		
	Pathway Option	3	PATH		
	<b>TOTAL CREDIT HOURS</b>	<b>18</b>	<b>TERM GPA:</b>		

Comments:

JUNIOR YEAR FALL 1ST SEMESTER					
COURSE	COURSE TITLE	CREDIT HOURS	COURSE TYPE	GRADE	SUCCESS MARKER/NOTE
ITE 221 & ITEL 221	Devices & Circuits with Lab	4	DPR		
ITMA 325 (W)	Industrial Psychology	3	DPR		
MNGT 351	Management Information Systems	3	DPR		
ECO 211	Principles of Macroeconomics	3	GEC		
	Social & Behavioral Science Option	3	GEC		
	TOTAL CREDIT HOURS	16	TERM GPA:		

Comments:

JUNIOR YEAR SPRING 2ND SEMESTER					
COURSE	COURSE TITLE	CREDIT HOURS	COURSE TYPE	GRADE	SUCCESS MARKER/NOTE
IT 300 (S)	Internship/Industrial Experience	3	DPR		
ITE 320	Introduction to Robotics Process Automation	3	DPR		
ITE 338 & ITEL 338	Digital Logic & Lab	4	DPR		
	Humanities & Fine Arts Option	3	GEC		
	TOTAL CREDIT HOURS	13	TERM GPA:		

Comments:

SENIOR YEAR FALL 1ST SEMESTER					
COURSE	COURSE TITLE	CREDIT HOURS	COURSE TYPE	GRADE	SUCCESS MARKER/NOTE
ITE 410	Robotics	3	DPR		
ITE 438	PLC	3	DPR		
ITE 449 & ITEL 499	Network Theories & Lab	4	DPR		
ITE 452	Fiber Optics & Communication	3	DPE		
ITE 475	Microprocessor & Software/ Hardware	3	DPR		
	TOTAL CREDIT HOURS	16	TERM GPA:		

Comments:

SENIOR YEAR FALL 2ND SEMESTER					
COURSE	COURSE TITLE	CREDIT HOURS	COURSE TYPE	GRADE	SUCCESS MARKER/NOTE
ITMA 420	Labor & Industrial Relations	3	DPR		
ITE 450	Telecom Systems	3	DPR		
IT 490	Senior Capstone	3	DPR		
	TOTAL CREDIT HOURS	9	TERM GPA:		

Comments:

TOTAL HOURS: 122 REQUIRED

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 UNIV 100.

Student Signature: \_\_\_\_\_

Advisor Signature: \_\_\_\_\_