BACHELOR OF SCIENCE
INDUSTRIAL TECHNOLOGY
Computer Technology

The Computer Technology program prepares students for many career paths. The program continually adjusts its curricula to deal with constant changes in information technology and to be able to produce well trained graduates.

College of Science, Engineering, and Technology

THEE PATHWAY
General Education Program

COURSE TYPE DESCRIPTIONS		
General Education Core	GEC	**General Education Core (GEC)** courses are courses that every student must take in order to obtain a degree from Jackson State University. GEC courses are essential to every undergraduate degree at Jackson State University. Collectively, there are 30 credit hours of GEC course requirements.
General Education Pathway	PATH	**General Education Pathway (PATH)** courses are courses that are connected through interdisciplinary themes and are selected at the student's discretion to fulfill the general education curriculum. Through experiential learning and reflective writing, students will have the opportunity to integrate knowledge across courses, develop their skills and an enhanced sense of civic responsibility. Students select nine (9) hours from the pathway of choice. Each pathway concludes with a related one (1) credit hour a University Required (UR) course.
University Required	UR	**University Required (UR)** courses are courses that are specific to Jackson State University and are designed to integrate students within the Jackson State University community by promoting student success resources, strategies and high impact practices.
Degree Program Requirement	DPR	**Degree Program Required (DPR)** courses are courses that are required for completion of a degree program within the specified major.
Electives	DPE or GEL	**Electives** are courses selected at a student's discretion and provide opportunities for students to pursue their academic interests. There are two types of electives. **Degree Program Elective (DPE)** courses are elective courses that are partially restricted such that students select courses from a specified group of identified courses (e.g., departmental elective courses) to fulfill a particular requirement. **General Elective (GEL)** courses are courses that may be selected from any program for which the student has fulfilled the proper prerequisites.
Professional Concentrations	PC	**Professional Concentration (PC)** courses complement Degree Program Required courses and allow students to have a concentrated area of study within the major.

JACKSON STATE UNIVERSITY

COLLEGE OF

SCIENCE, ENGINEERING, AND TECHNOLOGY

INDUSTRIAL TECHNOLOGY

CONCENTRATION: COMPUTER TECHNOLOGY

Entering Term: _____

Expected Graduation Date: _____

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		
	TOTAL CREDIT HOURS	17	TERM GPA:		

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		
	TOTAL CREDIT HOURS	16	TERM GPA:		

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		
	TOTAL CREDIT HOURS	17	TERM GPA:		

Comments:

SOPHOMORE YEAR SPRING 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		
	Pathway Option	3	PATH		
	TOTAL CREDIT HOURS	15	TERM GPA:		

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	Industrial Psychology	3	DPR		
MNGT 351	Management Information Systems	3	DPR		
ECO 211	Principles of Macroeconomics	3	DPR		
	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
ITE 338 & ITEL 338	Digital Logic & Lab	4	DPR		
IT 300	Internship/Industrial Experience	3	DPR		
	Humanities & Fine Arts Option	3	GEC		
	General Elective	3	GEL		
	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 449 & ITEL 499	Network Theories & Lab	4	DPR		
ITE 452	Fiber Optics & Communication	3	DPR		
ITE 465	Microprocessor & Application	4	DPR		
ITE 475	Microprocessor & Software/ Hardware	3	DPR		
	TOTAL CREDIT HOURS	17	TERM GPA:		

Comments:

SENIOR YEAR SPRING 2ND SEMESTER

COURSE	COURSE TITLE	CREDIT HOURS	COURSE TYPE	GRADE	SUCCESS MARKER/NOTE
ITMA 420	Labor & Industrial Relations	3	DPR		
ITE 466	Microprocessor & Troubleshooting	3	DPR		
ITE 476	Real Time System Design	3	DPR		
IT 490	Senior Capstone	3	DPR		
	TOTAL CREDIT HOURS	12	TERM GPA:		

Comments:

TOTAL HOURS: 123 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: _____