

Jackson State University

Bachelor of Science: Industrial Technology Major Curriculum Sheet *Revised: Fall, 2011*

Concentration: Electronic Systems Technology

		COURSE	FALL	SP
	UNIV 100	UNIVERSITY SUCCESS	2	
	MATH 111	COLLEGE ALGEBRA	3	
	CSC 115(C)	DIGITAL COMPUTER PRINCIPLES	3	
	FLG 101, 102	FOREIGN LANGUAGE OPTIONS	3	3
	HIST 101, 102	HISTORY CIVILIZATION	3	3
	ENG 104, 105	COMPOSITION	3	3
	PE	ANY 100 level ACTIVITY SPORTS	1	1
	MATH 112	PLANE TRIGONOMETRY		3
	CHEM 141	GENERAL CHEMISTRY		3
	CHEM 141	GENERAL CHEMISTRY LAB		1
		<i>Freshman Year Total = 35 Hours</i>	18	17

	100	INTRODUCTION TO TECHNOLOGY	1	
	ITE 111	BASIC ELECTRONICS	3	
	ITEL 111	BASIC ELECTRONICS LAB	1	
	ENG 205	WORLD LITERATURE	3	
	SPCH 201	SPEECH ARTS	3	
	ITMA 105	INDUSTRIAL SAFETY MANAGEMENT	3	
	ITD 114	COMPUTER AIDED DESIGN	3	
	ITE 112	INTERMEDIATE ELECTRONICS		3
	ITEL 112	INTERMEDIATE ELECTRONICS LAB		1
	PHY 201	BASIC PHYSICS I		3
	PHY 201	BASIC PHYSICS I LAB		1
	ENG 213	PROFESSIONAL WRITING		3
	MATH 221	CALCULUS I INDUSTRIAL OR BUSINESS		3
		<i>Sophomore Year Total = 31</i>	17	14

	ITE 221	DEVICES AND CIRCUITS	3	
	ITEL 221	DEVICES AND CIRCUITS LAB	1	
	ITMA 325(W)	INDUSTRIAL PSYCHOLOGY	3	
	ART 206	ART APPRECIATION	3	
	MNGT 350	BUISNESS COMPUTER APPLICATIONS	3	
	ECO 211	PRINCIPLES OF MACROECONOMICS	3	
	ITE 338	DIGITAL LOGIC		3
	ITEL 338	DIGITAL LOGIC LAB		1
	IT 300 (S)	INTERNSHIP/INDUSTRIAL EXPERIENCE		3
	PHIL 301	INTRODUCTION TO PHILOSOPHY		3
	ITD 316	ELECTRONIS DESIGN		3
	ELEC	ELECTIVES		1
		<i>Junior Year Total = 30</i>	16	14

	ITE 438	PLC	3	
	ITE 449	NETWORK THEORIES	3	
	ITEL 449	NETWORK LAB	1	
	ITC 400 (w)	TECHNICAL WRITING APPLICATIONS		3
	ITE 452	FIBER OPTICS AND COMMUNICATIONS	3	
	ITE 475	MICROPROCESSOR SOFTWARE/HARDWARE	3	
	ITMA 410	FIRST LINE SUPERVISON	3	
	ITE 450 (S)	TELECOMM SYSTEMS INDUSTRIAL EXPERIENCE		3
	ITMA 420 (W)	LABOR & INDUSTRIAL RELATONS		3
	IT 490 (S)	SENIOR CAPSTONE	3	
		<i>Senior Year Total = 28</i>	19	9

TOTAL HOURS: 124

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Concentration: Computer Technology

		COURSE	FALL	SP
UNIV	100	UNIVERSITY SUCCESS	2	
MATH	111	COLLEGE ALGEBRA	3	
CSC	115(C)	DIGITAL COMPUTER PRINCIPLES	3	
FLG	101	FOREIGN LANGUAGE OPTIONS	3	
HIST	101, 102	HISTORY CIVILIZATION	3	3
ENG	104, 105	COMPOSITION	3	3
PE		ANY 100 level ACTIVITY SPORTS	1	1
MATH	112	PLANE TRIGONOMETRY		3
CHEM	141	GENERAL CHEMISTRY		3
CHE	141	GENERAL CHEMISTRY LAB		1
		<i>Freshman Year Total = 32 Hours</i>	15	17

IT	100	INTRODUCTION TO TECHNOLOGY	1	
ITE	111	BASIC ELECTRONICS	3	
ITEL	111	BASIC ELECTRONICS LAB	1	
ENG	205	WORLD LITERATURE	3	
SPCH	201	SPEECH ARTS	3	
ITMA	105	INDUSTRIAL SAFETY MANAGEMENT	3	
ITD	114	COMPUTER AIDED DESIGN	3	
ITE	112	INTERMEDIATE ELECTRONICS		3
ITEL	112	INTERMEDIATE ELECTRONICS LAB		1
PHY	201	BASIC PHYSICS I		3
PHY	201	BASIC PHYSICS I LAB		1
ENG	213	PROFESSIONAL WRITING		3
MATH	221	CALCULUS I INDUSTRIAL OR BUSINESS		3
		<i>Sophomore Year Total = 31</i>	17	14

ITE	221	DEVICES AND CIRCUITS	3	
ITEL	221	DEVICES AND CIRCUITS LAB	1	
ITMA	325(W)	INDUSTRIAL PSYCHOLOGY	3	
ART	206	ART APPRECIATION	3	
MNGT	350	BUSINESS COMPUTER APPLICATIONS	3	
ECO	211	PRINCIPLES OF MACROECONOMICS	3	
ITE	338	DIGITAL LOGIC		3
ITEL	338	DIGITAL LOGIC LAB		1
IT	300 (S)	INTERNSHIP/INDUSTRIAL EXPERIENCE		3
PHIL	301	INTRODUCTION TO PHILOSOPHY		3
ELEC		ELECTIVES		4
		<i>Junior Year Total = 26</i>	16	14

ITE	449	NETWORK THEORIES	3	
ITEL	449	NETWORK LAB	1	
ITE	452	FIBER OPTICS AND COMMUNICATIONS	3	
ITE	465	MICROPROCESSOR AND APPLICATION	3	
ITC	400(W)	TECHNICAL WRITING		3
ITE	475	MICROPROCESSOR SOFTWARE/HARDWARE	3	
ITE	466	MICROPROCESSOR AND TROUBLESHOOTING		3
ITE	476	REAL TIME SYSTEM DESIGN		3
ITMA	410	FIRST LINE SUPERVISION	3	
ITMA	420 (W)	LABOR & INDUSTRIAL RELATIONS		3
IT	490 (S)	SENIOR CAPSTONE		3
		<i>Senior Year Total = 31</i>	16	15

TOTAL HOURS: 124

Concentration: Computer Technology

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Concentration: Emergency Management
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		COURSE	FALL	SP
GUIDE	100	CONCEPTS OF SUCCESS IN COLLEGE	3	
HIS	101, 102	HISTORY OF CIVILIZATION	3	3
ENG	104,105	COMPOSITION AND LITERATURE	3	3
MATH	111	COLLEGE ALGEBRA	3	
MATH	112	PLANE TRIGONOMETRY		3
BIO, BIOL	101	INTO TO BIOLOGICAL SCIENC/LAB	3	
PE		ANY 100 level ACTIVITY SPORTS	1	1
FL		FOREIGN LANGUAGE	3	3
CSC	115	DIGITAL COMPUTER PRINCIPLES		3
		<i>Freshman Year Total = 35 Hours</i>	19	16

IT	100	INTRODUCTION TO TECHNOLOGY	1	
ITMA	105	INDUSTRIAL SAFETY	3	
ITD	114	COMPUTER AIDED DRAFTING	3	
CHEM	141	GENERAL CHEMISTRY	3	
CHML	141	GENERAL CHEMISTRY LAB	1	
ENG	205	WORLD LITERATURE		3
ENG	213	PROFESSIONAL WRITING		3
ART	206	ART APPRECIATION		3
PSY	201	GENERAL PSYCHOLOGY	3	
SPCH	201	SPEECH ART	3	
ENG	201 H	HUMANITIES		3
MATH	221	CALCULUS INDUSTRIAL OR BUSINESS		3
PHIL	301	INTRO TO PHILOSOPHY		3
		<i>Sophomore Year Total = 31</i>	17	18

EMT	301	PRINC OF EMERGENCY MANAGEMENT	3	
EMT	302	INTRO TO INCIDENT MANAGEMENT	3	
EMT	303	COMM EMERGENCY RESPONSE TEAM		3
EMT	304	INTERNSHIP		3
EMT	401	APPLICATION TO EM TECHNOLOGY	3	
ECO	211	PRINCIPLES OF ECONOMICS		3
PHY	201	PHYSICS I	3	
PHY	201	PHYSICS LAB I	1	
ITMA	325	INDUSTRIAL PSYCHOLOGY		3
ITHM	300	PRINCIPLES OF HMM	3	
ITHM	301	REGULATORY FRAMEWORK		3
		<i>Junior Year Total = 30</i>	16	15

ITMA	420	LABOR AND INDUSTRIAL RELATIONS	3	
ITHM	302	TECH TREATMENT OF HM		3
ITHM	402	INDUSTRIAL HYGIENE		3
ITHM	405	RISK ASSESSMENT		3
EMT	402	BASIC GIS & REMOTE SENSING	3	
EMT	403	DISEASTER MANAGEMENT	3	
EMT	404	SPECIAL PROJECT	3	
		ELECTIVE		3
		<i>Senior Year Total: 24</i>	12	12

TOTAL HOURS: 124

Concentration: Emergency Management