

B.S. INDUSTRIAL TECHNOLOGY

COMPUTER TECHNOLOGY OPTION

Department of Industry & Technology

128 Semester Hours

University Core Curriculum

27 credit hours

MATH 161, PHYSC 110, CHEM 111, ECON 201 satisfies 16 hours.

Core

20 credit hours

MATH	181	Elem. Probability and Statistics (3) or	
ECON	221	Business Statistics (3)	3
PHYSC	110*	General Physics 1	4
CHEM	111*	General Chemistry 1	4
ECON	201*	Elementary Microeconomics	3
ITDPT	160	Technical Analysis	3
ITDPT	390	Training & Development in Industry	<u>3</u>
			20

Computer Technology Core

39 credit hours

MATH	161*	Applied Calculus 1	3
CS	120	Computer Science 1	3
CS	121	Computer Science 2	3
CS	124	Discrete Structures	3
CS	232	Data Structures	3
ITMFG	270	Industrial Electronics	3
ITMFG	371	Industrial Controls & Design Instrumentation	3
ITCMP	111	Microcomputer Assembly & Troubleshooting	3
ITCMP	210	Internetwork Fundamentals	3
ITCMP	211	System Administration Fundamentals	3
ITCMP	310	Internetwork Design & Administration	3
ITCMP	311	Infrastructure Services	3
ITCMP	466	Project in Computer Technology	<u>3</u>
			39

Electives from

12 credit hours

ITDPT	369	Cooperative Education in Technology (up to 12)	
ITCMP	221	Alternative Desktop Operating Systems (New Course) (3)	
ITCMP	321	Alternative Server Operating Systems (New Course) (3)	
ITCMP	330	Internetwork Switching (New Course) (3)	
ITCMP	350	Electronic Data Administration (New Course) (3)	
ITCMP	380	Electronic Communications Administration (New Course) (3)	
ITCMP	410	Scalable Internetworking (3) (New Course)	
ITCMP	421	Data Storage and Disaster Recovery (New Course) (3)	
ITCMP	440	Directory Services (New Course) (3)	
ITCMP	465	Data Security (New Course) (3)	

Business Administration Minor

18 Credit hours

12 hours from

BIT	210	Business Information Systems (3) or	
CS	120	Computer Science 1 (3)	
MGT	200	Management Principles (3) or	
MGT	300	Managing Behavior in Organizations (3)	
MGT	251	Operations Management (3)	
MKG	300	Principles of Marketing (3)	

6 hours from:

MGT	261	Personnel and Supervision. (3)	
MGT	271	Introductory Organizational Behavior (3)	
MGT	311	Design of Enterprise Systems (3)	
MKG	310	Consumer Behavior (3)	
MKG	320	Advertising Management (3)	
MKG	325	Professional Selling (3)	
MKG	420	Promotion Management (3)	
MKG	460	Industrial Procurement Management (3)	
MKG	470	International Marketing	<u>18</u>

University Electives(*by Advisor approval*)

12 credit hours

Total Hours: 128