Department of Technology

COMPUTER SYSTEMS TECHNOLOGY

Catalog 2020-2021

Courses in the Major	Hours	Pre-requisites	F/S/Sum
General Education or IAI:			
PHY 105 Fundamentals of Physics	4	None	F/S
CHE 102 Chemistry & Society	3	None	F/S
MAT 120 Finite Mathematics	4	MAT 119 or ALEKS 61+	F/S
MQM 100 Statistical Reasoning	3	MAT 120	F/S
PSY 110 Fundamentals of Psychology	3	None	F/S
Computer Systems Technology Core:			
TEC 100 Professional Development In Technology	1	None	F/S
TEC 143 Introduction to Electronics for Data Com	3	None	F
TEC 151 Introduction to Computer Systems Tech	3	None	F/S
TEC 243 Computer Networking Systems	3	None	F/S
TEC 244 Digital Electronics	3	MAT 120	F/S
TEC 245 Applications Of Operating Systems	3	TEC 151 or concurrent registration	S
TEC 270 Managing Technological Systems	3	PSY 110, 45 hours completed	F/S
TEC 283 Information and Imaging Technologies	3	"C" or better in TEC 151	F/S
TEC 284 Technical Computer Applications	3	TEC 143 and TEC 283 or concurrent	S
TEC 313 Quality Systems for Technology	3	MAT 120, MQM 100	F/S
TEC 319 Graphical Software Interfaces	3	"C" or better in TEC 283	F/S
TEC 320 Project Management	3	TEC 270, 60 hours completed	F/S
TEC 330 Applied Econ. Analysis for Tech	3	MAT 120	F/S
TEC 378 E-Commerce	3	TEC 283	F
TEC 383 Telecommunications Technology	3	TEC 243 or ITK 254	F
TEC 390 Computer Systems Applications	3	TEC 270 and PHY 105	S
Computer Systems Tech Electives ***(12 hrs req)***	12		
TEC 116 Intro to Tech Drawg & Const Bsd Sld Mod		None	F/S
TEC 152 Digital Media Applications		None	F/S
TEC 216 Const Bsd Sold Modelg & Prod Drawings		"C" or better in TEC 116	F/S
TEC 250 Graphic Media Composition		TEC 150 or COM 240	F
TEC 348 Selected Topics in Computer Systems Tec		TEC 245	F
TEC 358 E-Publishing Mgmt		TEC 152, 250	S
TEC 370 Supply Chain Logistics		TEC 270	Sum
TEC 398 Professional Practice (3 hours)		Per PP Manual	F/S/Sum
IT 168 Structured Prblm Solving Using the Computer		MAT 104	F/S
IT 178 Computer Applications Programming		"C" or better IT 168	F/X
IT 254 Hardware and Software Concepts		"C" or better IT 160 and 177	F/S
IT 261 Systems Development		"C" or better IT 254	F/S
IT 262 Information Tech Project Mgmt		IT 261	F/S
Additional Courses You May Take for the CST Electives			
TEC 150 Graphic Communications Technology		None	F/S
TEC 275 Technology and Quality of Life		None	F/S
ACC 131 Financial Accounting		None	F/S
ECO 101 Principles of Microeconomics		None	F/S
ECO 235 Telecommunications Econ & Public Policy		ECO 101, ECO 102	F/S
FIL 185 Legal, Ethical & Social Environ Business		ECO 101, ECO 102	F/S
MKT 230 Intro to Marketing		ECO 101, ECO 102	F/S
PSY 230 Business & Industrial Psychology		PSY 110	F/S