

# Computer Electronic Networking (Bachelor of Science)

Spring 2008

Freshman		Sophomore		Junior		Senior	
Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8
EET 251 Electricity & Electronics <small>3</small>	EET 257 Circuits & Electronic Devices <small>3</small>	EET 351 Programmable Logic Controllers <small>3</small>	EET343 Network Switches & Routers <small>3</small>	EET 395 ▲ Special Topics in CET/CEN <small>3</small>	EET 452 Electrical Power & Drives <small>3</small>	EET 440 Fiber-Optics & Communications <small>3</small>	EET 499 CEN Capstone Project <small>3</small>
EET 252 Digital Electronics <small>3</small>	EET 253 Microprocessor Systems <small>3</small>	EET 254 Machine Language for Micro-controllers <small>3</small>	GenEd III B Humanities <small>3</small>	GenEd III A Arts <small>3</small>	EET 403 Advanced LANs & PC Communications <small>3</small>	EET 354 ▲ Microcomputer & Network Security <small>3</small>	Mgt. Elective Upper division Management Elective <small>3</small>
BTO 100 Academic Orientation <small>1</small>	EET 302 PC Troubleshooting & Construction <small>3</small>	EET 303 LANs & PC Communications <small>3</small>	STA 215 Intro. to statistical Reasoning <small>3</small>	INT 202 Quality Control <small>3</small>	INT 310 Computer Communications in Industry <small>3</small>	INT 406 Manufacturing Planning Systems <small>3</small>	INT 408 Human Resources Development <small>3</small>
	MAT 108 Trigonometry <small>3</small>	ECO 230 Principles of Economics <small>3</small>	STA 270 Applied Statistics <small>3</small>	Elective* Upper-division (300/400 level) <small>3</small>	Elective* Upper-division (300/400 level) <small>1</small>	GenEd IV A Biological Laboratory Science <small>3</small>	GenEd VII AH or QS or SBS <small>3</small>
ENG 101 English Composition <small>3</small>	ENG 102 English Composition II <small>3</small>	MAT 261 Calculus with Applications for Science <small>3</small>	QMB200 Business Statistics I <small>3</small>	GenEd V A History <small>3</small>	Elective Free elective <small>3</small>	GenEd V C Select from GenEd V A or V B <small>3</small>	Elective Free elective <small>2</small>
ENG 105 First Yr. Writing Seminar If A/B skip ENG102 If C/D take ENG102 <small>3</small>	TEC 161 Computer Applications in Technology <small>3</small>	MAT 211 Calculus w/ apps. for Businss and Economics <small>3</small>	PHY 131 College Physics I <small>5</small>	PHY 132 College Physics II <small>5</small>			BTS 400 Business and Technology Seminar <small>0</small>
GenEd VI Wellness <small>3</small>		CSC 177 Introduction to Visual Basic <small>3</small>	CMS 100 Introduction to Human Communication <small>3</small>		BTS 300 Business and Technology Seminar <small>0</small>		Exit Exam Departmental Exit Exam CEN <small>0</small>
CSC 160 Introduction to Programming <small>3</small>		CSC 190 Introduction to C++ <small>3</small>	CMS 210 Public Speaking <small>3</small>				
Total Hours: 16	Total Hours: 18	Total Hours: 18	Total Hours: 17	Total Hours: 15	Total Hours: 15	Total Hours: 15	Total Hours: 14

\* 4 Hours of Upper-division electives – Recommend use as Co-op (EET 349) with Business/Industry especially during summer sessions

▲ A total of 6 hours needed from EET 395, 354, 349

**Cumulative Credit Hours: 128**