Computer Electronic Networking (Bachelor of Science)

Spring 2008

Freshman

Semester 1
- EET 251: Electricity & Electronics
- EET 252: Digital Electronics
- BTO 100: Academic Orientation
- ENG 101: English Composition
- TEC 161: Computer Applications in Technology
- GenEd VI: Wellness
- CSC 160: Introduction to Programming

Total Hours: 16

Semester 2
- EET 257: Circuits & Electronic Devices
- EET 253: Microprocessor Systems
- EET 302: PC Troubleshooting & Construction
- ENG 102: English Composition II
- MAT 211: Calculus with Applications for Science

Total Hours: 18

Sophomore

Semester 3
- EET 351: Programmable Logic Controllers
- EET 254: Machine Language for Micro-controllers
- ECO 230: Principles of Economics
- TEC 161: Computer Applications in Technology
- CSC 160: Introduction to Programming

Total Hours: 18

Semester 4
- EET343: Network Switches & Routers
- STA 270: Intro to statistical Reasoning
- MAT 261: Calculus with Applications for Science
- MAT 211: Calculus w/applications for Business and Economics
- CSC 160: Introduction to Programming

Total Hours: 17

Junior

Semester 5
- EET 395: Special Topics in CET/CEN
- STA 215: Intro to statistical Reasoning
- QMB200: Business Statistics I
- PHY 131: College Physics I

Total Hours: 15

Semester 6
- EET 452: Electrical Power & Drives
- STA 215: Intro to statistical Reasoning
- PHY 132: College Physics II

Total Hours: 15

Senior

Semester 7
- EET 440: Fiber-Optics & Communications
- INT 406: Manufacturing Planning Systems
- INT 408: Human Resources Development
- BTS 400: Business and Technology Seminar

Total Hours: 15

Semester 8
- EET 499: CEN Capstone Project
- Mgt. Elective: Upper division Management Elective
- GenEd VII: AH or QS or SBS
- Exit Exam: Departmental Exit Exam CEN

Total Hours: 14

Cumulative Credit Hours: 128

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