Electrical Engineering Technical Electives
For year 2003 - 2004  (currently called Approved Electives)

9 credits are required.
Any EE Elective – up to 4 credits maximum.
Any College of Engineering course numbered 2000 and above.
Any CS course with a CS1121/1131 prerequisite.
Any MA course with MA1150/1160 prerequisite.
Any PH physics course with a PH2100 prerequisite.
Any Ch Chemistry course with a CH1100/1110 prerequisite
EC 3400.
Engineering Co-op (maximum 6 credits)

Suggestions:
CS 1129 Intro to Comp. Sci. II in C++  Strongly recommend! Take after CS1121 instead of CS1122.
EC 3400 Economic Decision Analysis
ENG 2120 Statics and Strength of Materials*
MEEM 2110 Statics*
MEEM 2200 Thermodynamics *
MEEM 2700 Dynamics
MEEM 3210 Fluid Mechanics * (has pre-requisites)
MY 2100 Intro to Material Science & Engineering

*Note: If you plan to take the Fundamentals of Engineering (FE) Exam during your senior year, it would be beneficial for you to take these courses.

Photonics Electives:
EE4252 Two Dimensional Signal and Image Processing
EE4253 Real Time Signal Processing
EE4256 Fourier Optics
EE4290 Optical Communication
MY3700 Electronic, Optical, and Magnetic Properties of Materials
MY4710 Photonic and Micromechanical Materials and Devices
EE4257 Digital Image Processing