

4 hour Lab Courses for CECN Electives

<u>Course</u>	<u>Prerequisites</u>
CPSC 456 Real-Time Computing	MATH 251, ELEN 220 or ELEN 248
ELEN 326 Electronic Circuits	ELEN 314, ELEN 325
ELEN 338 Electromechanical Energy Conversion	ELEN 214
ELEN 447 Digital Image Processing	ELEN 444
ELEN 450 Computer Interfacing & Communications	ELEN 248, (ELEN 449 or CPSC 462)
ELEN 457 Operational Amplifiers	ELEN 326
ELEN 458 Active Filter Analysis & Design	ELEN 325
ELEN 468 Advanced Logic Design	ELEN 248
ELEN 472 Microelectronics Circuit Fabrication	ELEN 325, ELEN 370
ELEN 474 VLSI Circuit Design	ELEN 326
ELEN 475 Intro to VLSI Systems Design	ELEN 449 (or CPSC 462), 454, 474
ELEN 476 Neural Networks & Implementation	Senior Classification