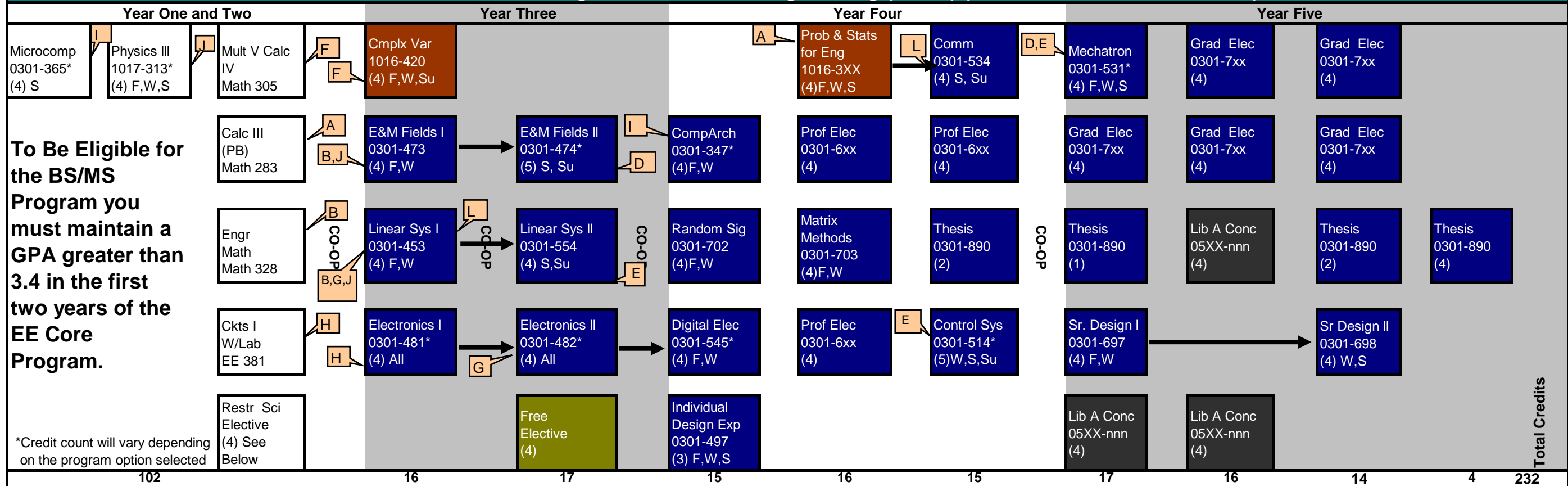


2009-2010 RIT BS/MS Core Program in Electrical Engineering (EEEB) (Final Release VJA 6/30/2009)



Legend	Professional Electives:	Professional Electives from other departments can be taken with approval of Faculty Advisor.
<p>Math</p> <p>Physics</p> <p>Chemistry</p> <p>Liberal Arts</p> <p>Elect Engr</p> <p>Free Elect</p> <p>Comp Science</p> <p>Res Science</p> <p>Course Name Course # (Cr) Quarters- * Indicates lab included</p> <p>Prerequisites Definitions A Course Prerequisites A Prerequisite →</p>	<p>Graduate Paper Option Students who choose to complete the Graduate Paper Option should take an additional graduate course.</p> <p>Senior Design Project 0301-697 and 698 are required. Senior Design Project may be undertaken in any of the interest areas.</p> <p>Profession Electives Three 600- or 700- level Electrical Engineering Courses 12 Quarter Credits</p> <p>Graduate Electives Five 700-level Electrical Engineering Courses. 20 Quarter Credits</p> <p>Elective Focus Areas Professional and Graduate Electives may be taken from the following focus areas: 1) Control Systems 2) Communications 3) Device and Intergrated Circuits 4) Digital and Computer Systems 5) Electromagnetic Fields & Optics 6) MEMS 7) Signal Processing Random Signals & Noise is a Required Course for Focus Areas #1, 2, 6, and 7.</p>	<p>Restricted Science Electives 1017-314 Modern Physics 0301-370 Nano-Science, Engr. & Tech (S)</p> <p>Cooperative Work Experience: <u>Four Coop quarters distributed as suggested</u></p> <p>PE Activities (2)</p> <p>Liberal Arts Core 24 Quarter Credits</p> <p>Social Science Courses Choose two courses, one from each of two different areas: 1) 0514-210 Intro to Psychology 2) 0511-211 Principles of Microeconomics 3) 0513-211 American Politics OR 0513-214 Intro to International Relations 4) 0515-210 Foundations of Sociology 5) 0510-210 Cultural Anthropology</p> <p>Liberal Arts Concentration 12 Quarter Credits</p> <p>Humanities Courses Choose two courses, one from each of two different areas: 1) 0507-301 American History 0507-302 Modern European History 0507-305 Special Topics History 0507-306 Special Topics European History 2) 0505-213 Visual Arts 0505-214 Musical Arts 0505-215 Film Arts 0505-216 Theater Arts 3) 0509-210 Intro. To Philosophy 0509-211 Ethics 0509-213 Critical Thinking 0509-217 Ethics in the Info Age 4) 0504-210 Literary & Cultural Studies 0508-211 Science, Tech & Values 0508-212 Intro to Environmental Studies</p>