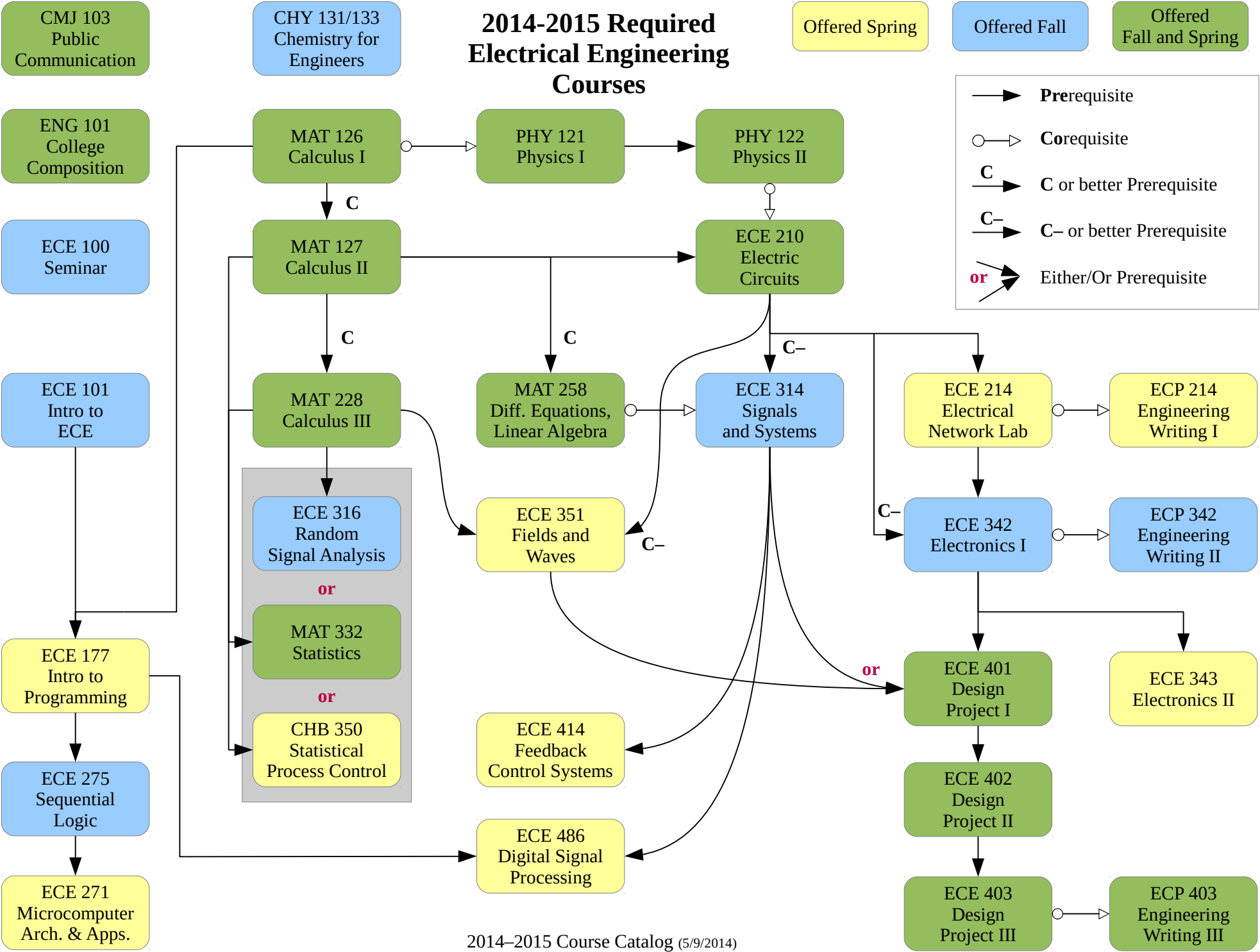
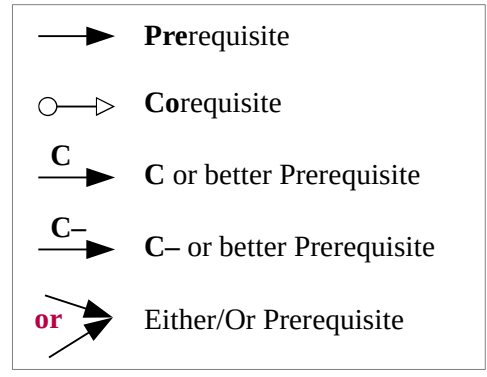


2014-2015 Required Electrical Engineering Courses

Offered Spring

Offered Fall

Offered Fall and Spring



2013-2014 Electrical Engineering Technical Electives

Offered Spring
(prerequisites)

Offered Fall
(prerequisites)

Offered
Fall and Spring
(prerequisites)

EE Focus Technical Electives: You must take at least **three** of these

<p>ECE 324 Renewable Energy Engineering (ECE209 or ECE210)</p>	<p>ECE 484 Communications Engineering (ECE314 & ECE 316)</p>	<p>ECE 444 Analog IC Design (ECE314 & ECE343)</p>	<p>ECE 462 Semiconductor Devices (Chy131,PHY122,MAT258)</p>	<p>ECE 465 Introduction to Sensors (junior standing)</p>	<p>ECE 498 Selected Topics with EE focus (varies)</p>
<p>ECE 427 Electric Power Systems (ECE210 & ECE 214)</p>	<p>ECE 453 Microwave Engineering (ECE351)</p>	<p>ECE 445 Digital IC Design (ECE342)</p>	<p>ECE 464 Microelectronics Engineering (Chy131,PHY122,MAT258)</p>	<p>ECE 466 Sensor Technology and Instrumentation (ECE465)</p>	

ECE 331
Intro to Unix
Sys. Admin.
(ECE177)

ECE 435
Network
Engineering
(COS221)

ECE 471
Embedded
Systems
(ECE271)

ECE 477
Hardware
Applications in C
(ECE271)

ECE 417
Introduction to
Robotics
(ECE177 & MAT228)

ECE 473
Computer
Arch. & Org.
(ECE275)

ECE 478
Industrial
Computer Control
(ECE271)

Other Courses
with
Adviser Approval
(varies)

ECE 498
Selected Topics
(varies)

If you wish to concentrate in an area, some possibilities are:

Power and Alternative Energy
ECE324, ECE427

Communications and Wireless
ECE484, ECE453

Microelectronics and Circuits
ECE444, ECE445, ECE462,
ECE464, PHY236

Solid State and Sensors
ECE453, ECE465, ECE466,
ECE462, ECE464, PHY236