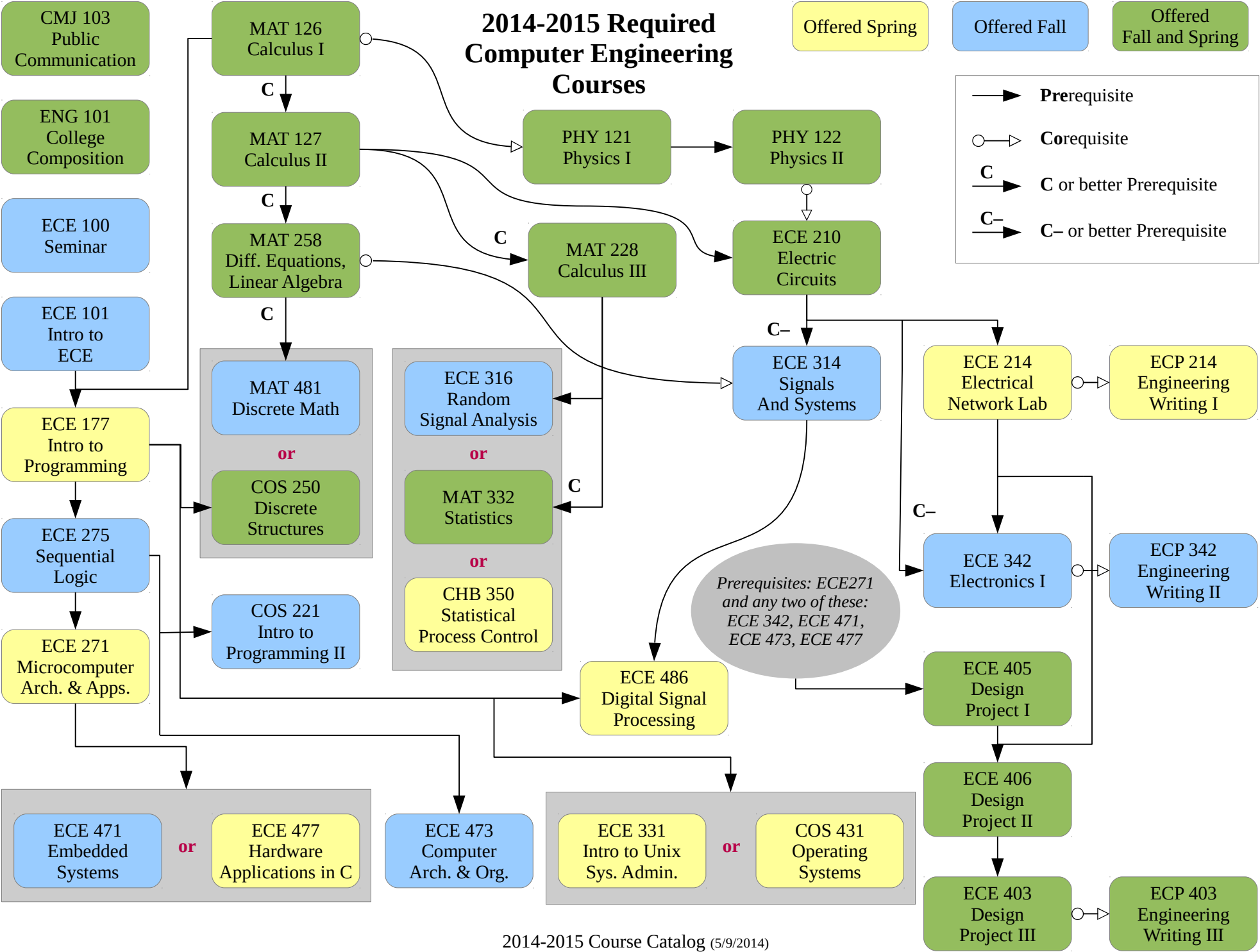
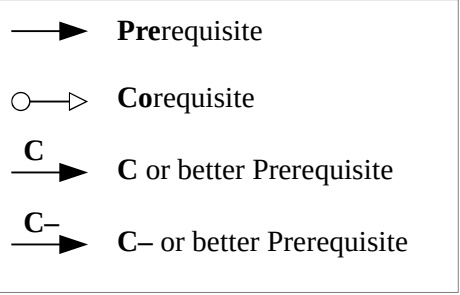


2014-2015 Required Computer Engineering Courses

Offered Spring

Offered Fall

Offered
Fall and Spring



2013-2014 Computer Engineering Technical Electives

Offered Spring
(prerequisites)

Offered Fall
(prerequisites)

Offered
Fall and Spring
(prerequisites)

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

ECE 417
Introduction to
Robotics
(ECE177 & MAT228)

ECE 471
Embedded
Systems
(ECE271)

ECE 478
Industrial
Computer Control
(ECE271)

COS 3xx
Computer Science
Elective
(varies)

ECE 435
Network
Engineering
(COS221)

ECE 477
Hardware
Applications in C
(ECE277)

ECE 498
Selected Topics
with CE focus
(varies)

COS 4xx
Computer Science
Elective
(varies)

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

Embedded Control

ECE478, ECE477,
ECE471, ECE414

High Performance Computing

ECE331, ECE477, ECE435

Robotics

ECE417, ECE477,
ECE471, ECE487

ECE 414
Feedback
Control Systems
(ECE314)

ECE 484
Communications
Engineering
(ECE314 & ECE316)

ECE 324
Renewable
Energy Engineering
(ECE209 or ECE210)

ECE 444
Analog IC
Design
(ECE314 & ECE343)

ECE 498
Selected Topics
(varies)

Other Courses
with
Adviser Approval
(varies)

ECE 351
Fields and
Waves
(ECE210 & MAT228)

ECE 427
Electric Power
Systems
(ECE210 & ECE 214)

ECE 445
Digital IC
Design
(ECE342)

ECE 462
Semiconductor
Devices
(Chy131,PHY122,MAT258)

ECE 465
Introduction to
Sensors
(junior standing)

ECE 453
Microwave
Engineering
(ECE351)

ECE 464
Microelectronics
Engineering
(Chy131,PHY122,MAT258)

ECE 466
Sensor Technology
and Instrumentation
(ECE465)