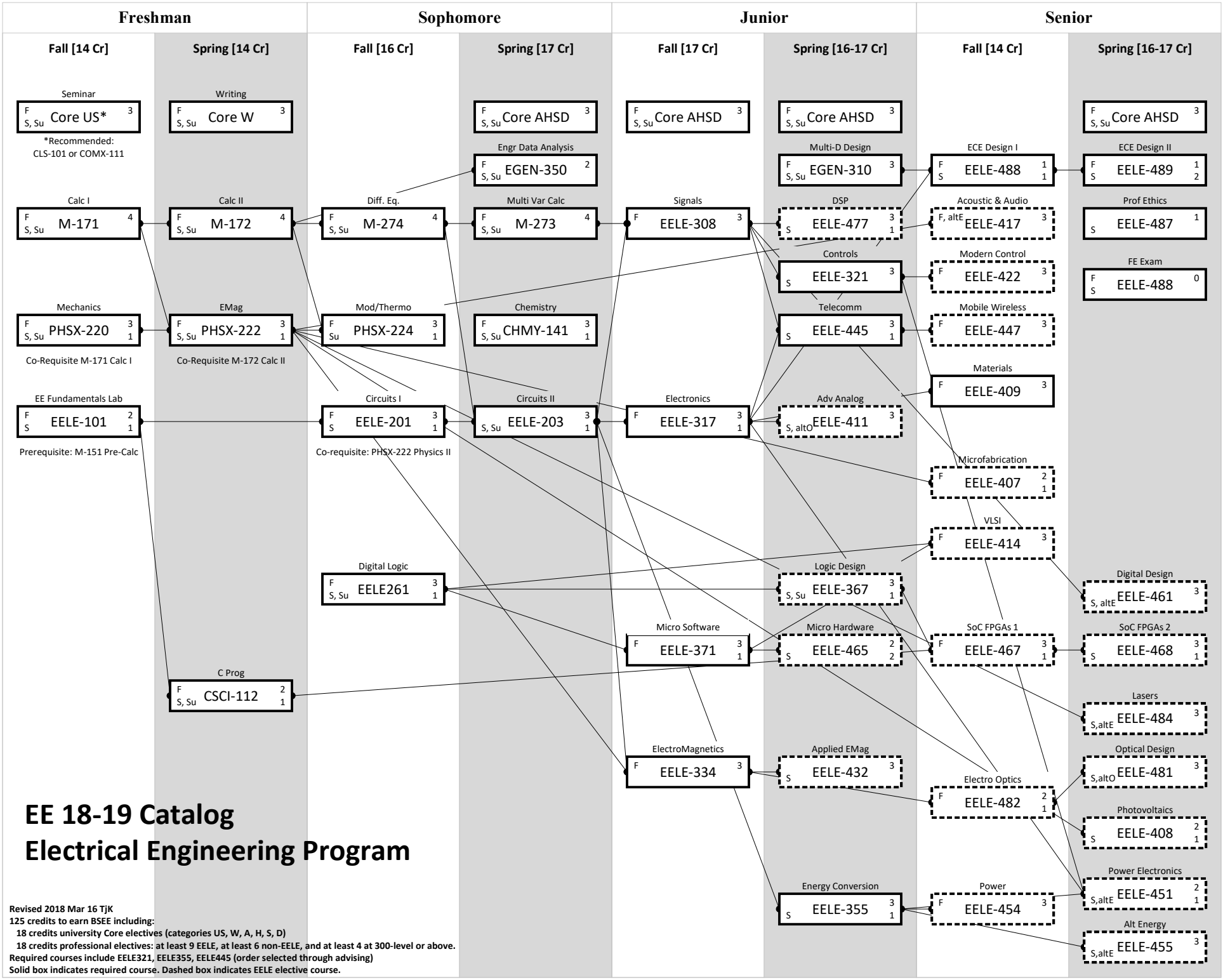
Freshman
Sophomore
Junior
Senior
Fall [14 Cr]
Spring [14 Cr]
Fall [16 Cr]
Spring [17 Cr]
Fall [17 Cr]
Spring [16-17 Cr]
Fall [14 Cr]
Spring [16-17 Cr]
Seminar
F S, Su Core US* 3
*Recommended: CLS-101 or COMX-111
Writing
F S, Su Core W 3
F S, Su Core AHSD 3
F S, Su Core AHSD 3
F S, Su Core AHSD 3
F S, Su Core AHSD 3
Engr Data Analysis
F S, Su EGEN-350 2
Multi-D Design
F S, Su EGEN-310 3
ECE Design I
F S EELE-488 1 1
ECE Design II
F S EELE-489 1 2
Calc I
F S, Su M-171 4
Calc II
F S, Su M-172 4
Diff. Eq.
F S, Su M-274 4
Multi Var Calc
F S, Su M-273 4
Signals
F EELE-308 3
DSP
S EELE-477 3 1
Acoustic & Audio
F, altE EELE-417 3
Prof Ethics
S EELE-487 1
Controls
S EELE-321 3
Modern Control
F EELE-422 3
FE Exam
F S EELE-488 0
Mechanics
F S, Su PHSX-220 3 1
Co-Requisite M-171 Calc I
EMag
F S, Su PHSX-222 3 1
Co-Requisite M-172 Calc II
Mod/Thermo
F Su PHSX-224 3 1
Chemistry
F S, Su CHMY-141 3 1
Telecomm
S EELE-445 3 1
Mobile Wireless
F EELE-447 3
Materials
F EELE-409 3
EE Fundamentals Lab
F S EELE-101 2 1
Prerequisite: M-151 Pre-Calc
Circuits I
F S EELE-201 3 1
Co-requisite: PHSX-222 Physics II
Circuits II
S, Su EELE-203 3 1
Electronics
F EELE-317 3 1
Adv Analog
S, altO EELE-411 3
Microfabrication
F EELE-407 2 1
VLSI
F EELE-414 3
Digital Logic
F S, Su EELE261 3 1
Logic Design
S, Su EELE-367 3 1
Digital Design
S, altE EELE-461 3
Micro Software
F EELE-371 3 1
Micro Hardware
S EELE-465 2 2
SoC FPGAs 1
F EELE-467 3 1
SoC FPGAs 2
S EELE-468 3 1
C Prog
F S, Su CSCI-112 2 1
Lasers
S,altE EELE-484 3
ElectroMagnetics
F EELE-334 3
Applied EMag
S EELE-432 3
Optical Design
S,altO EELE-481 3
Electro Optics
F EELE-482 2 1
Photovoltaics
S EELE-408 2 1
Power Electronics
S,altE EELE-451 2 1
Energy Conversion
S EELE-355 3 1
Power
F EELE-454 3
Alt Energy
S,altE EELE-455 3
EE 18-19 Catalog
Electrical Engineering Program
Revised 2018 Mar 16 TjK
125 credits to earn BSEE including:
18 credits university Core electives (categories US, W, A, H, S, D)
18 credits professional electives: at least 9 EELE, at least 6 non-EELE, and at least 4 at 300-level or above.
Required courses include EELE321, EELE355, EELE445 (order selected through advising)
Solid box indicates required course. Dashed box indicates EELE elective course.