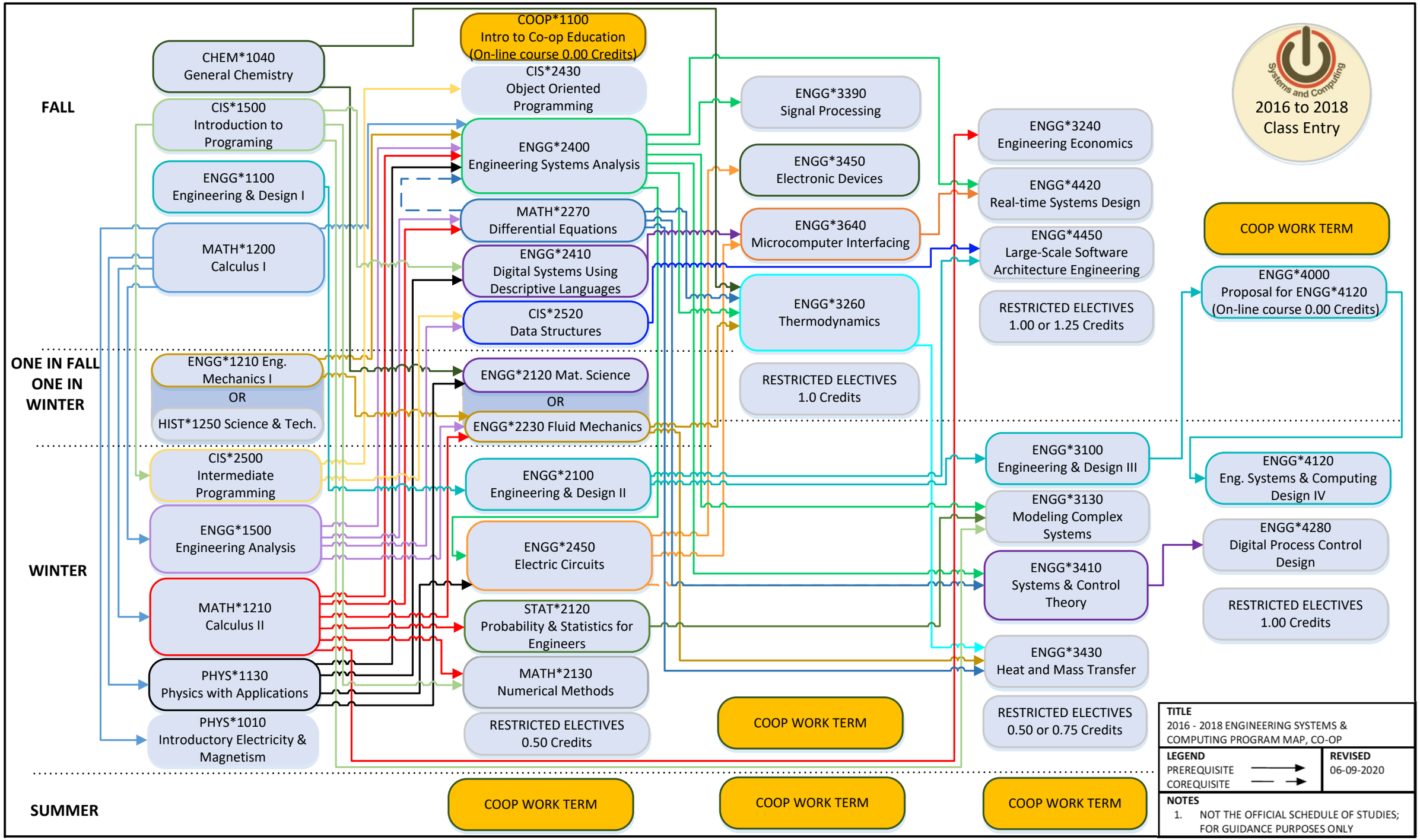
FALL
ONE IN FALL
ONE IN WINTER
WINTER
SUMMER
COOP*1100
Intro to Co-op Education
(On-line course 0.00 Credits)
CHEM*1040
General Chemistry
CIS*1500
Introduction to Programing
ENGG*1100
Engineering & Design I
MATH*1200
Calculus I
CIS*2430
Object Oriented Programming
ENGG*2400
Engineering Systems Analysis
MATH*2270
Differential Equations
ENGG*2410
Digital Systems Using Descriptive Languages
CIS*2520
Data Structures
ENGG*1210 Eng. Mechanics I
OR
HIST*1250 Science & Tech.
ENGG*2120 Mat. Science
OR
ENGG*2230 Fluid Mechanics
CIS*2500
Intermediate Programming
ENGG*2100
Engineering & Design II
ENGG*1500
Engineering Analysis
ENGG*2450
Electric Circuits
MATH*1210
Calculus II
STAT*2120
Probability & Statistics for Engineers
PHYS*1130
Physics with Applications
MATH*2130
Numerical Methods
PHYS*1010
Introductory Electricity & Magnetism
RESTRICTED ELECTIVES
0.50 Credits
ENGG*3390
Signal Processing
ENGG*3450
Electronic Devices
ENGG*3640
Microcomputer Interfacing
ENGG*3260
Thermodynamics
RESTRICTED ELECTIVES
1.0 Credits
COOP WORK TERM
ENGG*3240
Engineering Economics
ENGG*4420
Real-time Systems Design
ENGG*4450
Large-Scale Software Architecture Engineering
RESTRICTED ELECTIVES
1.00 or 1.25 Credits
ENGG*3100
Engineering & Design III
ENGG*3130
Modeling Complex Systems
ENGG*3410
Systems & Control Theory
ENGG*3430
Heat and Mass Transfer
RESTRICTED ELECTIVES
0.50 or 0.75 Credits
COOP WORK TERM
COOP WORK TERM
COOP WORK TERM
COOP WORK TERM
ENGG*4000
Proposal for ENGG*4120
(On-line course 0.00 Credits)
ENGG*4120
Eng. Systems & Computing Design IV
ENGG*4280
Digital Process Control Design
RESTRICTED ELECTIVES
1.00 Credits
Systems and Computing
2016 to 2018
Class Entry
TITLE
2016 - 2018 ENGINEERING SYSTEMS & COMPUTING PROGRAM MAP, CO-OP
LEGEND
PREREQUISITE
COREQUISITE
REVISED
06-09-2020
NOTES
1. NOT THE OFFICIAL SCHEDULE OF STUDIES; FOR GUIDANCE PURPOSES ONLY