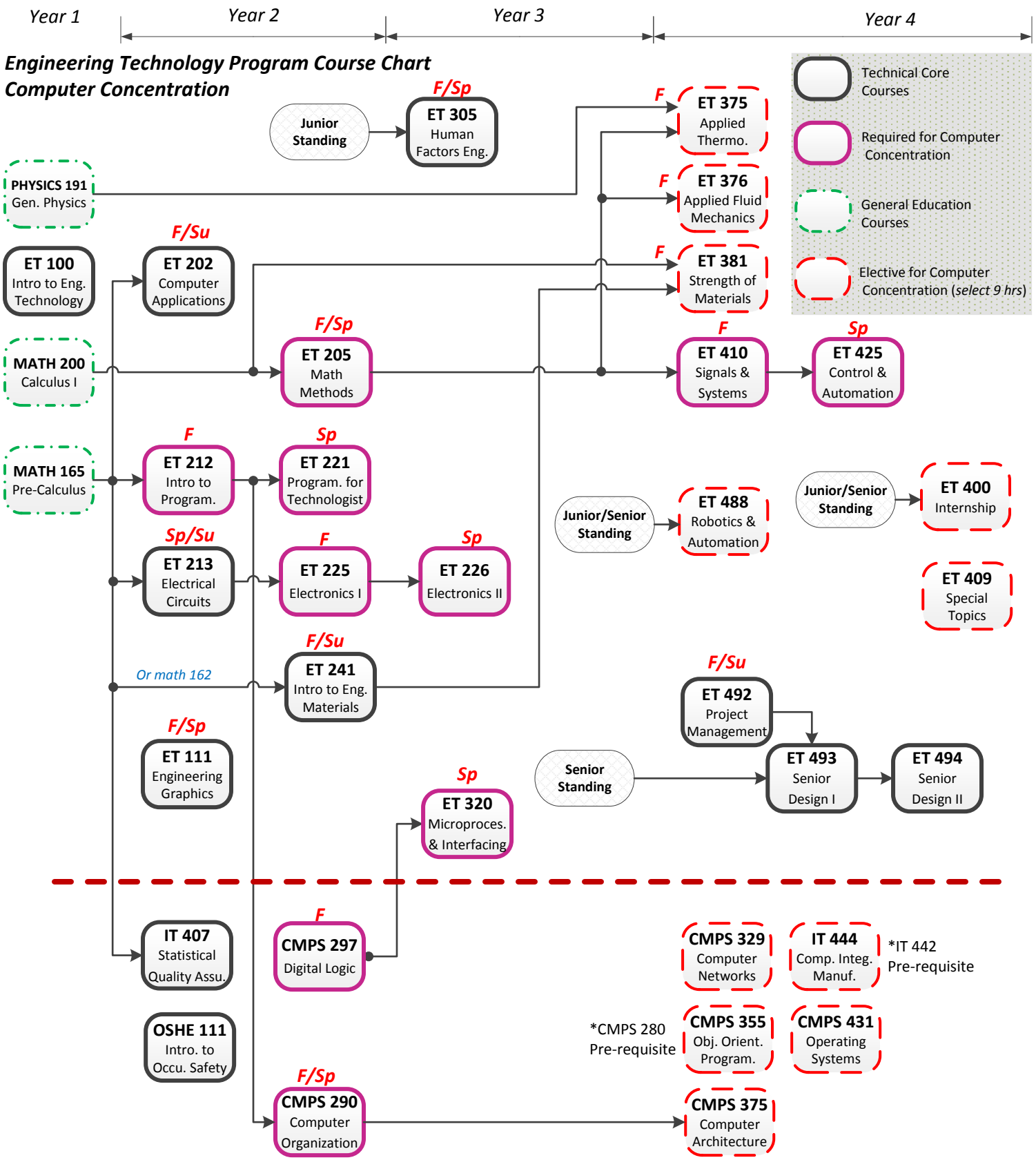
Year 1
Year 2
Year 3
Year 4
Engineering Technology Program Course Chart
Computer Concentration
Technical Core Courses
Required for Computer Concentration
General Education Courses
Elective for Computer Concentration (select 9 hrs)
Junior Standing
F/Sp
ET 305 Human Factors Eng.
PHYSICS 191 Gen. Physics
F
ET 375 Applied Thermo.
F
ET 376 Applied Fluid Mechanics
F
ET 381 Strength of Materials
ET 100 Intro to Eng. Technology
F/Su
ET 202 Computer Applications
MATH 200 Calculus I
F/Sp
ET 205 Math Methods
F
ET 410 Signals & Systems
Sp
ET 425 Control & Automation
MATH 165 Pre-Calculus
F
ET 212 Intro to Program.
Sp
ET 221 Program. for Technologist
Junior/Senior Standing
ET 488 Robotics & Automation
Junior/Senior Standing
ET 400 Internship
ET 409 Special Topics
Sp/Su
ET 213 Electrical Circuits
F
ET 225 Electronics I
Sp
ET 226 Electronics II
F/Su
ET 241 Intro to Eng. Materials
Or math 162
F/Su
ET 492 Project Management
F/Sp
ET 111 Engineering Graphics
Senior Standing
ET 493 Senior Design I
ET 494 Senior Design II
Sp
ET 320 Microproces. & Interfacing
IT 407 Statistical Quality Assu.
F
CMPS 297 Digital Logic
CMPS 329 Computer Networks
IT 444 Comp. Integ. Manuf.
*IT 442 Pre-requisite
OSHE 111 Intro. to Occu. Safety
*CMPS 280 Pre-requisite
CMPS 355 Obj. Orient. Program.
CMPS 431 Operating Systems
F/Sp
CMPS 290 Computer Organization
CMPS 375 Computer Architecture