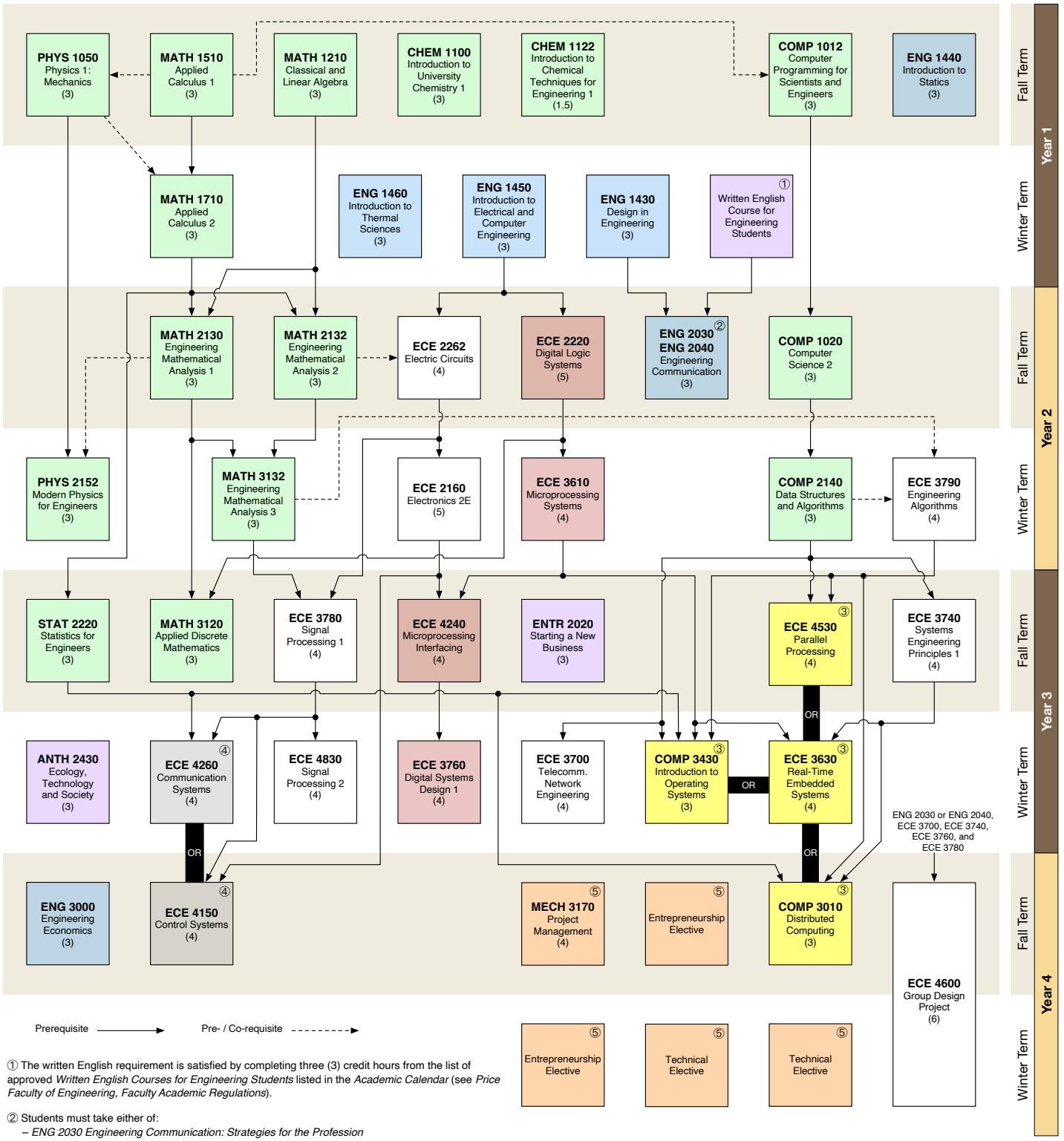
2024 – 2025 Computer Engineering Course Flow Chart
Entrepreneurship Focus Area – Model 4 Year Program



Prerequisite ——→ Pre- / Co-requisite - - - - - →

① The written English requirement is satisfied by completing three (3) credit hours from the list of approved *Written English Courses for Engineering Students* listed in the *Academic Calendar* (see *Price Faculty of Engineering, Faculty Academic Regulations*).

② Students must take either of:
- *ENG 2030 Engineering Communication: Strategies for the Profession*
- *ENG 2040 Engineering Communication: Strategies, Practice, and Design*

③ Students must take one of:
- *ECE 3630 Real-time Embedded Systems*
- *ECE 4530 Parallel Processing*
- *COMP 3010 Distributed Computing*
- *COMP 3430 Operating Systems*

④ Students must take either of:
- *ECE 4150 Control Systems*
- *ECE 4260 Communication Systems*

⑤ Technical Electives:
- Five (5) technical electives are required to complete the program. Three (3) form part of the Focus Area.
- At most two (2) of these electives may be selected from the list of approved Electrical Engineering courses.
- Technical electives may be taken at anytime, subject to prerequisites.

Additional required elective courses which may be completed in any term.

Complementary Studies Elective | Natural Science Elective | Natural Science Elective

This flow chart is intended as a guide, and only applies for the current academic year. It should not be used as a guide for subsequent years. Errors may be present in this document. Students should refer to information in the *Academic Calendar*.

1 April 2024, v.1

Computer Engineering Focus Areas

Students wishing to pursue more focused studies in a Computer Engineering subject/research area have the choice of doing so through a recognized Focus Area. Courses taken towards a Focus Area take the place of some of the Technical Electives required in the Computer Engineering program.

Entrepreneurship Focus Area

Requirements:

To complete the Entrepreneurship Focus the prescribed courses must be taken. Two (2) of the five Entrepreneurship Elective courses must also be taken. To complete the program requirements, two (2) additional courses must be selected from the elective courses listed in the Computer Engineering Standard Program.

Prescribed Entrepreneurship Courses (required)

MECH 3170 Project Management
ENTR 2020 Starting a New Business [1]

Entrepreneurship Elective Courses (2 required)

ENG 4110 Operational Excellence
ENTR 3060 Creativity and Entrepreneurial Thinking
ENTR 3070 Innovation Management
ENTR 3102 Technological Entrepreneurship
ENTR 4100 New Venture Analysis

1. In addition to satisfying focus area requirements. ENTR 2020 also meets the general program requirement for one complementary studies elective.