| | You must have completed the requirements in these columns | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| To take a course in this column | CMPE212 | CMPE306 | CMPE310 | CMPE311 | CMPE314 | CMPE316 | CMPE320 | CMPE323 | CMPE330 | CMPE349 | CMPE413 | CMPE450 | CMPE451 | CMSC201 | CMSC202 | CMSC203 | CMSC341 | CMSC411 | CMSC421 | CMSC426 | CMSC481 | ENES101 | ENGL100 | Gateway | MATH150 | MATH151 | MATH152 | MATH221 | MATH225 | MATH251 | PHYS121 | PHYS122 |
| CMPE212 | **Department permission required** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CMPE306 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | **Co** | | | **P** |
| CMPE310 | **(G)** | | | | | | | | | | | | | **(G)** | | **Co** | | | | | | | | **G** | | | | | | | | |
| CMPE311 | | | **P** | | | | | | | | | | | | | | | | | | | | | [G] | | | | | | | | |
| CMPE314 | | **P** | | | | | | | | | | | | | | | | | | | | | | **G** | | | | | **P** | | | |
| CMPE316 | | | **P** | | | | | | | | | | | | | | | | | | | | | [G] | | | | | | | | |
| CMPE320 | | | | | | | | | | | | | | | | | | | | | | | | | | | **Pc** | | | | | |
| CMPE323 | | **Pc** | | | | | | | | | | | | | | | | | | | | | | **Gc** | | | | | **Pc** | | | |
| CMPE330 | | **Pc** | | | | | | | | | | | | | | | | | | | | | | **Gc** | | | | | **Pc** | **Pc** | | |
| CMPE349 | | | | | | | | | | | | | | | | | | | | | | | **P** | **G** | | | | | | | | |
| CMPE413 | | | | | **P** | | | | | | | | | | | | | | | | | | | [G] | | | | | | | | |
| CMPE450 | | | | **Co** | **P** | **X** | **X** | **X** | **X** | **P** | **X** | | | | | | **?** | | | | | | | [G] | | | | | | | | |
| CMPE451 | | | | **P** | | | | | | | | **P** | | | | | | | | | | | | [G] | | | | | | | | |
| CMSC201 | | | | | | | | | | | | | | | | | | | | | | | | | **Y** | **Y** | **Y** | | | | | |
| CMSC202 | | | | | | | | | | | | | | **P** | | | | | | | | | | | **Y** | **Co** | **Y** | | | | | |
| CMSC203 | | | | | | | | | | | | | | | | | | | | | | | | | | **P** | | | | | | |
| CMSC341 | | | | | | | | | | | | | | | **P** | **P** | | | | | | | | | | | | | | | | |
| CMSC411 | **P** | | **P** | | | | | | | | | | | | | | | | | | | | | [G] | | | | | | | | |
| CMSC421 | **P** | | **P** | | | | | | | | | | | | | | **P** | | | | | | | [G] | | | | | | | | |
| CMSC426 | **P** | | **P** | | | | | | | | | | | | | | **P** | | | | | | | [G] | | | | | | | | |
| CMSC481 | | | | | | | | | | | | | | | | | **P** | | | | | | | [G] | | | | | | | | |
| ENES101 | | | | | | | | | | | | | | | | | | | | | | | | | | | **Co** | | | | | |
| ENGL100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gateway | **B** | | | | | | | | | | | | | **B** | | | | | | | | **C** | | | | **B** | | | | | **b** | **b** |
| MATH150 | **Math placement (Z)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MATH151 | **Math placement test, or AP credit, or** | | | | | | | | | | | | | | | | | | | | | | | | **P** | | | | | | | |
| MATH152 | | | | | | | | | | | | | | | | | | | | | | | | | | **P** | | | | | | |
| MATH221 | | | | | | | | | | | | | | | | | | | | | | | | | | **P** | | | | | | |
| MATH225 | | | | | | | | | | | | | | | | | | | | | | | | | | | **P** | | | | | |
| MATH251 | | | | | | | | | | | | | | | | | | | | | | | | | | | **P** | | | | | |
| PHYS121 | | | | | | | | | | | | | | | | | | | | | | | | | | **Co** | | | | | | |
| PHYS122 | | | | | | | | | | | | | | | | | | | | | | | | | | | **Co** | | | | **P** | |
| Science | **Prerequisite depends on which elective science is selected** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Table verified with Undergraduate Catalog and Curriculog approvals 4/11-4/13/2023 EFCL

Legend for prerequisite table:

B: A grade of B or better is required in this course to meet the CMPE Gateway (effective Fall 2016)
b: A grade of B or better is required in PHYS121 or PHY122 to meet the CMPE Gateway
c: This set of prerequisites is in Curriculog for inclusion in the 2023-2024 Catalog
C: A grade of C or better is required in this course to meet the CMPE Gateway (effective Fall 2016)
Co: This course (column) is a co-requisite for the (row) course, and may be taken simultaneously
G: The CMPE Gateway must be passed before this course can be taken. Gateway explicitly enforced for CMPE310, CMPE314, CMPE320 and CMPE349.
[G]: Gateway completion implicit for these courses as it is an explicit requirement for a prerequisite.
P: A grade of C or higher in this course (column) is a prerequisite for the (row) course.
X: One of these courses must be completed with a C grade or higher to be eligible for Capstone I.
Y: Must have passed one of these three indicated courses (column) with a C grade or higher.
Z: MATH150 is not a required course in any of the CMPE tracks, but is included as a prerequisite for MATH151