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| Architecture and Civil Engineering (ACE)| **College-specified Courses under the Gateway Education (GE) Requirement (Mathematics and Computing Courses) – 9 credit units**  
- MA1200 Calculus and Basic Linear Algebra I / MA1300 Enhanced Calculus and Linear Algebra I (3 credit units)  
- MA1201 Calculus and Basic Linear Algebra II / MA1301 Enhanced Calculus and Linear Algebra II (3 credit units)  
- CS1102 Introduction to Computer Studies / CS1302 Introduction to Computer Programming (3 credit units) |  
- CA1166 Professionals and Society (3 credit units)  
- CA1167 Engineering Communication (3 credit units) |
| Electronic Engineering (EE)             |                                                                |  
- EE1001 Foundations of Digital Techniques (3 credit units)  
- EE1002 Principles of Electronic Engineering (3 credit units)  
- GE1354 Introduction to Electronic Design (3 credit units) | |
| Mechanical Engineering (MNE)           | **College Requirement (Science Courses) – 6 credit units**  
*Choose two from the following three subject areas:*  
- PHY1201 General Physics I (3 credit units)  
- BCH1100 Chemistry (3 credit units)  
- BCH1200 Discovery in Biology (3 credit units) | No course specified by this department |