# Required Courses Specified by College of Engineering and/or Respective Departments

<table>
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<th>Departments</th>
<th>Courses Specified by College of Engineering</th>
<th>Courses Specified by Respective Departments of College of Engineering</th>
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| Electrical Engineering (EE) | College-specified GE Courses  
- 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)  

College Requirement (Engineering Courses)  
- PHY1202 General Physics II (3 credit units)  
- CS1302 Introduction to Computer Programming (3 credit units) |  
- EE1001 Foundations of Digital Techniques (3 credit units)  
- EE1002 Principles of Electronic Engineering (3 credit units)  
- GE1354 Introduction to Electronic Design (3 credit units)  
- EE1004 Foundations of Information Systems and Data Analysis (3 credit units) |
| Mechanical Engineering (MNE) | College-specified GE Courses  
- 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)  
- MNE2066 Engineers in Society (3 credit units)  

College Requirement (Engineering Courses)  
- PHY1101 Introductory Classical Mechanics (3 credit units)  
- CS1302 Introduction to Computer Programming (3 credit units) |  
- PHY1202 General Physics II (3 credit units)  
- MNE2016 Engineering Graphics (3 credit units) |