***Central Ohio Technical College***
***Plan of Study***
***2009-2010 Academic Year***

| | |
|---|---|
| ***Name:*** | |
| ***COTC Student ID#:*** | |
| ***Advisor:*** | |

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|---|---|
| Datatel Department Code | **EET** |
| COTC Major Number | **003030** |
| OBR Subjectcode | **150303** |

## *Two Year Plan of Study for the Associate of Applied Science Degree in*

# *Electronic Engineering Technology*

1. Courses listed on this Plan of Study may have prerequisites; please see the Course Description Section on the COTC Web Page (COTC Current Students Tab).
2. Courses highlighted on this Plan of Study are offered only once a year in the Quarter indicated; courses not highlighted on this Plan of Study may or may not be offered more than once per year.
3. A student must have completed one unit of high school algebra with a grade of C (2.00) or better for admission into the Electronic Engineering Technology program.
4. A student may need to take MTH-1210 Intermediate Algebra, MTH-1205 Introduction to Algebra, or possibly MTH-1200 Basic Mathematics (as determined by the COMPASS Math Placement Test Scores) prior to enrolling in MTH-1226 Trigonometry and MTH-1232 Introduction to Calculus.

| ***Quarter 1 Autumn*** | | | | ***Quarter 2 Winter*** | | | | ***Quarter 3 Spring*** | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CMP-1601 | Principles of Computing | 1.00 | | EET-3028 | Circuits I | 4.00 | | COM-1535 | Composition I | 4.00 | |
| CMP-2596 | Prin Computer Programming | 4.00 | | EET-3164 | Digital Electronics II | 4.00 | | EET-3029 | Circuits II | 4.00 | |
| DDT-3706 | Introduction to CAD | 2.00 | | EET-3306 | Local Area Networks | 3.00 | | EET-3167 | Digital Electronics III | 4.00 | |
| EET-3018 | PC Hardware | 3.00 | | MTH-1226 | Trigonometry | 5.00 | | PHY-1726 | Physics I Mechanics | 5.00 | |
| EET-3154 | Digital Electronics I | 4.00 | | | | | | | | | |
| | Non Technical Elective | 3.00 | | | | | | | | | |
| | | | | | | | | | | | |
| | ***Total*** | 17.00 | | | ***Total*** | 16.00 | | | ***Total*** | 17.00 | |
| ***Quarter 4 Autumn*** | | | | ***Quarter 5 Winter*** | | | | ***Quarter 6 Spring*** | | | |
| COM-1536 | Composition II | 4.00 | | COM-1504 | Public Speaking | 3.00 | | EET-3152 | Communications Electronics II | 3.00 | |
| EET-3133 | Electronics I | 4.00 | | COM-1525 | Technical Writing | 3.00 | | EET-3185 | EET Capstone Design Course | 3.00 | |
| EET-3320 | Data Communications | 4.00 | | EET-3132 | Communications Electronics I | 4.00 | | EET-3326 | Local Area Networks Microsoft | 4.00 | |
| MTH-1232 | Introduction to Calculus | 5.00 | | EET-3144 | Linear Integrated Circuits | 4.00 | | PHY-1728 | Physics III Heat, Light, Sound | 5.00 | |
| | | | | EMT-3252 | Programmable Logic Controllers | 4.00 | | | Non-Technical Elective | 5.00 | |
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| | | | | | | | | | | | |
| | ***Total*** | 17.00 | | | ***Total*** | 18.00 | | | ***Total*** | 20.00 | |

***TOTAL CREDIT HOURS REQUIRED:*** **105.00**

## Non Technical Electives

Total of 8 Credit Hours Required; A Minimum of 3 Credit Hours Must be from the Social Sciences Area

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|---|---|---|---|---|---|---|---|---|---|---|---|
| BHS-1006 | Critical Thinking | 3.00 | | BHS-1382 | Sociology | 3.00 | | CMP-2576 | Visual Basic | 4.00 | |
| BHS-1030 | Reasoning Skills | 4.00 | | BHS-1383 | Psychology of Adjustment | 5.00 | | CMP-2586 | Object Oriented Programming with C++ | 4.00 | |
| BHS-1340 | Ethics | 3.00 | | COM-1523 | Small Group Communications | 3.00 | | | | | |
| BHS-1376 | General Psychology | 5.00 | | COM-1531 | National Issues | 3.00 | | BMS-29XX | Up to 2 credit hours of BMS-Software Applications Courses may be used to fulfil Elective Requirement | 1-2 | |
| BHS-1379 | Cultural Diversity | 3.00 | | COM-1534 | Effective Communications | 4.00 | | | | | |
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## Technical Electives

No Technical Electives Required

***The College Reserves the Right to Change Curricula Without Notice.***

***Updated July, 2009*** ***Office of the Vice President for Academic Affairs***