

| | |
|----------------------|---------|
| Datatel Program Code | EET.AAS |
| COTC Major Number | 003030 |
| CIP Code | 15.0303 |

A grade of C (2.00) or better is required for all Electronics Engineering Technology courses listed as prerequisites for advanced courses.

The student who successfully completes the courses listed below on this Plan of Study will earn an Associate of Applied Science Degree in Electronic Engineering Technology.

KEY: * Indicates this course has a prerequisite; please see the Course Description Section on the COTC Web Page
 NT - Indicates this course fulfills a Non-Technical Course Requirement on this Plan of Study
 NT Elec - Indicates Elective Choice in the Non-Technical course requirement category
 T - Indicates this course fulfills a Technical Course Requirement on this Plan of Study
 T Elec - Indicates Elective Choice in the Technical course requirement category

TAG, C-TAG, OTM - Designation in this column indicates this course has been approved by the Ohio Board of Regents as a Transfer Assurance (TAG), Career Technical Assurance Guide (C-TAG), or Ohio Transfer Module (OTM) course. Please follow this link on the COTC web site information: <http://www.cotc.edu/current-students/tags-transfer-module/Pages/index.aspx>

| Course Name | Course Title | Course Credit Hours | Weekly Contact Hours | Tech, Non-Tech or Elective | Semester(s) Course Offered | SEM Course Approved As A TAG, C-TAG or OTM | Equivalent Quarter Course | Equivalent Quarter Cr Hrs |
|---|---|---------------------|----------------------|----------------------------|----------------------------|--|---------------------------|---------------------------|
| SEMESTER 1 | | | | | | | | |
| ARCH-110 | CAD Fundamentals | 2.00 | 2.00 | T | AU | ----- | DDT-3706 & DDT-3707 | 2.00 & 2.00 |
| CIT-105 | Principles of Computer Programming | 3.00 | 5.00 | T | AU | ----- | CMP-2596 | 4.00 |
| * ENGL-110 | Composition I | 3.00 | 3.00 | NT | SM,AU,SP | OTM | COM-1535 | 4.00 |
| IDS-100 | Campus Connections | 1.00 | 1.00 | NT | SM,AU,SP | ----- | ----- | ----- |
| * MATH-140 | College Algebra | 3.00 | 3.00 | NT | SM,AU,SP | OTM | MTH-1215 | 5.00 |
| | Non-Technical Elective - Arts & Humanities | 3.00 | 3.00 | NT Elec | See Choices Below | | | |
| TOTAL CREDIT & CONTACT HOURS | | 15.00 | 17.00 | | | | | |
| SEMESTER 2 | | | | | | | | |
| * ENGL-215 | Writing About Literature | 3.00 | 3.00 | NT | SM,AU,SP | OTM | COM-1553 | 4.00 |
| * ENGRTECH-113 | Circuits I | 3.00 | 5.00 | T | SP | ----- | EET-3028 | 4.00 |
| * ENGRTECH-225 | Communication Electronics I | 3.00 | 5.00 | T | SP | ----- | EET-3132 & EET-3320 | 4.00 & 4.00 |
| * MATH-110 | Trigonometry | 3.00 | 3.00 | NT | SM,AU,SP | OTM | MTH-1226 | 5.00 |
| * PHYS-110 | Physics I | 4.00 | 5.00 | NT | SM,AU,SP | TAG | PHY-1726 & PHY-1728 | 5.00 & 5.00 |
| SPCH-205 | Public Speaking | 3.00 | 3.00 | NT | SM,AU,SP | TAG | COM-1504 | 4.00 |
| TOTAL CREDIT & CONTACT HOURS | | 19.00 | 24.00 | | | | | |
| SEMESTER 3 | | | | | | | | |
| * ENGRTECH-213 | Circuits II | 3.00 | 5.00 | T | AU | ----- | EET-3029 | 4.00 |
| * ENGRTECH-235 | Communication Electronics II | 3.00 | 5.00 | T | AU | ----- | EET-3152 | 3.00 |
| * ENGRTECH-241 | Digital Electronics I | 3.00 | 5.00 | T | AU | ----- | EET-3154 | 4.00 |
| * PHYS-111 | Physics II | 4.00 | 5.00 | NT | SM,AU,SP | TAG | PHY-1727 & PHY-1728 | 5.00 & 5.00 |
| | Technical Elective | 3.00 | 5.00 | T Elec | See Choices Below | | | |
| TOTAL CREDIT & CONTACT HOURS | | 16.00 | 25.00 | | | | | |
| SEMESTER 4 | | | | | | | | |
| * ENGRTECH-251 | Digital Electronics II | 3.00 | 5.00 | T | SP | ----- | EET-3164 & EET-3167 | 4.00 & 4.00 |
| * ENGRTECH-267 | Linear Integrated Circuits | 3.00 | 5.00 | T | SP | ----- | EET-3133 & EET-3144 | 4.00 & 4.00 |
| * ENGRTECH-279 | Electronics Design Capstone | 3.00 | 9.00 | T | SP | ----- | EET-3185 | 3.00 |
| | Non-Technical Elective - Social & Behavioral Sciences | 3.00 | 3.00 | NT Elec | See Choices Below | | | |
| | Technical Elective | 3.00 | 5.00 | T Elec | See Choices Below | | | |
| TOTAL CREDIT & CONTACT HOURS | | 15.00 | 27.00 | | | | | |

| | |
|----------------------|---------|
| Datatel Program Code | EET.AAS |
| COTC Major Number | 003030 |
| CIP Code | 15.0303 |

| | |
|--|--------------|
| Total Semester Credit Hours Required for Completion of Degree | 65.00 |
| <i>Non-Technical Required Semester Credit Hours</i> | 30.00 |
| <i>Technical Required Semester Credit Hours</i> | 35.00 |

| Course Name | Course Title | Course Credit Hours | Weekly Contact Hours | Tech, Non-Tech or Elective | Semester(s) Course Offered | SEM Course Approved As A TAG, C-TAG or OTM | Equivalent Quarter Course | Equivalent Quarter Cr Hrs |
|--|--|---------------------|----------------------|----------------------------|----------------------------|--|---------------------------|---------------------------|
| Non-Technical Elective - Arts and Humanities | | | | | | | | |
| Total of 3.00 Semester Credit Hours Required from the Course Choices Listed Below to Complete this Degree | | | | | | | | |
| * PHIL-100 | Critical Thinking | 3.00 | 3.00 | NT Elec | SM,AU,SP | OTM | BHS-1006 | 3.00 |
| * PHIL-200 | Introduction to Ethics | 3.00 | 3.00 | NT Elec | SM,AU,SP | TAG,OTM | BHS-1340 | 3.00 |
| Non-Technical Elective - Social And Behavioral Sciences | | | | | | | | |
| Total of 3.00 Semester Credit Hours Required from the Course Choices Listed Below to Complete this Degree | | | | | | | | |
| * PSYCH-100 | Introduction to Psychology | 3.00 | 3.00 | NT Elec | SM,AU,SP | TAG,OTM | BHS-1376 | 5.00 |
| * PSYCH-220 | Social Psychology | 3.00 | 3.00 | NT Elec | SM,AU,SP | TAG,OTM | BHS-1370 | 5.00 |
| * PSYCH-230 | Organizational Psychology | 3.00 | 3.00 | NT Elec | SM,AU,SP | TAG | BHS-1385 | 3.00 |
| * SOC-100 | Introduction to Sociology | 3.00 | 3.00 | NT Elec | SM,AU,SP | TAG,OTM | BHS-1382 | 3.00 |
| * SOC-110 | Cultural Diversity | 3.00 | 3.00 | NT Elec | SM,AU,SP | TAG,OTM | BHS-1379 | 3.00 |
| Technical Electives | | | | | | | | |
| Total of 6.00 Semester Credit Hours Required to Complete this Degree | | | | | | | | |
| ACCT-111 | Financial Accounting | 3.00 | 4.00 | T Elec | AU | TAG | ACC-2113 & ACC-2444 | 5.00 & 5.00 |
| * CIT-130 | Visual Basic I | 3.00 | 5.00 | T Elec | AU | ----- | CMP-2576 | 4.00 |
| * CIT-140 | JAVA Programming | 3.00 | 5.00 | T Elec | SP | ----- | CMP-2564 | 4.00 |
| * CIT-205 | Advanced C++ | 3.00 | 5.00 | T Elec | SP | ----- | CMP-2587 | 4.00 |
| * ENGRTECH-105 | Introduction to the Oil & Gas Industry | 3.00 | 4.00 | T Elec | SP | ----- | None | ----- |
| ENGRTECH-212 | HVAC Systems | 3.00 | 5.00 | T Elec | AU | ----- | EMT-3202 | 3.00 |
| * ENGRTECH-260 | Electric Motors | 3.00 | 5.00 | T Elec | SP | ----- | EMT-3244 | 4.00 |
| * ENGRTECH-197-198 | Special Topics - Engineering Courses | 1.00-2.00 | ----- | T Elec | SM,AU,SP | ----- | ----- | ----- |
| * ENGRTECH-297-298 | Special Topics - Engineering Courses | 1.00-2.00 | ----- | T Elec | SM,AU,SP | ----- | ----- | ----- |

The College Reserves the Right to Change Curricula Without Notice.