

Central Ohio Technical College
2010-2011 Academic Year

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

Drafting & Design Technology - Civil Design Option

1. Students without a score of at least 71 on the COMPASS algebra test are required to complete MTH-1206 Intermediate Algebra
2. Students who plan to transfer to a four year college are encouraged to consider MTH-1215 College Algebra.
3. Courses on this Plan of Study may have prerequisites; please see the Course Description Section on the COTC Web Page (Current Students Tab).
4. Course on this Plan of Study may or may not be offered more than once a year.

KEY: * Indicates this course has a prerequisite; please see the Course Description Section on the COTC Web Page.

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|--------------------------|--------|
| Name: | |
| COTC Student ID#: | |
| Advisor: | |
| Datatel Department Code | DDTCD |
| COTC Major Number | 003011 |
| OBR Subjectcode | 151304 |

| COURSE NAME | COURSE TITLE | CR HRS | CRS TYPE | QTR OFFERED | COURSE NAME | COURSE TITLE | CR HRS | CRS TYPE | QTR OFFERED | COURSE NAME | COURSE TITLE | CR HRS | CRS TYPE | QTR OFFERED |
|------------------|---------------------------------|--------|----------|-------------|------------------|--------------------------------|--------|----------|-------------|------------------|---------------------------------|--------|----------|-------------|
| QUARTER 1 | | | | | QUARTER 2 | | | | | QUARTER 3 | | | | |
| COM-1535 | Composition I | 4.00 | Non-Tech | SM,AU,WI,SP | COM-1536 | Composition II | 4.00 | Non-Tech | SM,AU,WI,SP | DDT-3708 | Advanced CAD | 2.00 | Tech | SP |
| CMP-1601 | Principles of Computing | 1.00 | Non-Tech | SM,AU,WI,SP | DDT-3707 | Intermediate CAD | 2.00 | Tech | WI | DDT-3718 | Architecture History Survey | 3.00 | Non-Tech | SP |
| DDT-3706 | Introduction to CAD | 2.00 | Tech | AU | DDT-3728 | Drafting II | 3.00 | Tech | WI | DDT-3731 | Intro Civil Design/Drafting | 3.00 | Tech | SP |
| DDT-3717 | Materials for Engineering Techs | 2.00 | Tech | AU | | Non Technical Elective | 3.00 | Non-Tech | SM,AU,WI,SP | DDT-3757 | Architectural Design I | 4.00 | Tech | SP |
| DDT-3758 | Engineering Sketching | 3.00 | Tech | AU | | Non Technical Elective | 4.00 | Non-Tech | SM,AU,WI,SP | MTH-1226 | Trigonometry | 5.00 | Non-Tech | SM,AU,WI,SP |
| | Non Technical Elective | 4.00 | Non-Tech | SM,AU,WI,SP | | | | | | | | | | |
| | Total | 16.00 | | | | Total | 16.00 | | | | Total | 17.00 | | |
| QUARTER 4 | | | | | QUARTER 5 | | | | | QUARTER 6 | | | | |
| DDT-3705 | Revit Architecture | 2.00 | Tech | AU | BMT-2018 | Project Management | 3.00 | Tech | SM,AU,WI,SP | COM-1523 | Small Group Communication | 3.00 | Non-Tech | SM,AU,WI,SP |
| DDT-3733 | Civil Drafting/Design II | 4.00 | Tech | AU | DDT-3257 | Statics & Strength Materials I | 3.00 | Tech | WI | COM-1525 | Technical Writing | 3.00 | Non-Tech | SM,AU,WI,SP |
| DDT-3748 | Materials for Construction | 5.00 | Tech | AU | DDT-3736 | Civil Drafting/Design III | 4.00 | Tech | WI | DDT-3258 | Statics & Strength Materials II | 3.00 | Tech | SP |
| PHY-1721 | General Physics | 5.00 | Non-Tech | SM,AU,WI,SP | DDT-3737 | Building Mechanical Systems | 3.00 | Tech | WI | DDT-3771 | Structural Steel and Concrete | 3.00 | Tech | SP |
| | | | | | DDT-3759 | 3D Design w/SketchUp | 2.00 | Tech | WI | | Technical Elective | 5.00 | Tech | SP |
| | Total | 16.00 | | | | Total | 15.00 | | | | Total | 17.00 | | |

| Non-Technical Electives -- Total of 7 Credit Hours Required | | | | | | | | | | | | | | |
|--|---------------------------|------|----------|-------------|--|--|--|--|--|--|--------------------------|------|----------|-------------|
| At least 3 credit hours must be selected from the Social and Behavioral Sciences courses listed below: | | | | | | | | | | The remaining 4 credit hours of Non Technical Electives may be chosen from the courses listed below: | | | | |
| BHS-1345 | Human Development | 5.00 | Non-Tech | SM,AU,WI,SP | | | | | | BHS-1006 | Critical Thinking | 3.00 | Non-Tech | SM,AU,WI,SP |
| BHS-1376 | General Psychology | 5.00 | Non-Tech | SM,AU,WI,SP | | | | | | BHS-1030 | Reasoning Skills | 4.00 | Non-Tech | SM,AU,WI,SP |
| BHS-1378 | Abnormal Psychology | 3.00 | Non-Tech | SM,AU,WI,SP | | | | | | BHS-1340 | Ethics | 3.00 | Non-Tech | SM,AU,WI,SP |
| BHS-1379 | Cultural Diversity | 3.00 | Non-Tech | SM,AU,WI,SP | | | | | | BIO-1730 | Environmental Science | 5.00 | Non-Tech | SM,AU,WI,SP |
| BHS-1382 | Sociology | 3.00 | Non-Tech | SM,AU,WI,SP | | | | | | COM-1504 | Public Speaking | 3.00 | Non-Tech | SM,AU,WI,SP |
| BHS-1383 | Psychology of Adjustment | 5.00 | Non-Tech | SM,AU,WI,SP | | | | | | COM-1514 | Contemporary Fiction | 5.00 | Non-Tech | SM,AU,WI,SP |
| BHS-1385 | Organizational Psychology | 3.00 | Non-Tech | SM,AU,WI,SP | | | | | | COM-1531 | National Issues | 3.00 | Non-Tech | SM,AU,WI,SP |
| | | | | | | | | | | COM-1534 | Effective Communications | 4.00 | Non-Tech | SM,AU,WI,SP |
| | | | | | | | | | | DMD-3831 | Fundamentals of Drawing | 4.00 | Non-Tech | |
| Other suitable courses (Humanities) as approved by Advisor | | | | | | | | | | | | | | |

| Technical Electives -- Total of 5 Credit Hours Required | | | | | | | | | | | | | | |
|---|-----------------------------------|------|------|----|----------|-----------------------|------|------|----|--|--|--|--|--|
| DDT-3786 | Drafting & Design Capstone Course | 5.00 | Tech | SP | DDT-3910 | Co-op Work Experience | 5.00 | Tech | SP | | | | | |

The College Reserves the Right to Change Curricula Without Notice
June, 2010
Office of the Vice President for Academic Affairs

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| Total Credit Hours Required for Completion of Degree | 97.00 |
| Non-Technical Required Credit Hours | 42.00 |
| Technical Required Credit Hours | 55.00 |