

|                                |               |
|--------------------------------|---------------|
| <b>Name:</b>                   |               |
| <b>Social Security Number:</b> |               |
| <b>Advisor:</b>                |               |
| Datatel Department Code        | <b>DDTAR</b>  |
| COTC Major Number:             | <b>003013</b> |
| OBR Subjectcode:               | <b>151303</b> |

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

**Drafting and Design Technology Architectural Design Major**

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.

| Quarter 1 Autumn |                                       |       | Quarter 2 Winter |                                |       | Quarter 3 Spring |                                 |       |
|------------------|---------------------------------------|-------|------------------|--------------------------------|-------|------------------|---------------------------------|-------|
| CMP-1601         | Principles of Computing               | 1.00  | COM-1535         | Composition I                  | 4.00  | COM-1536         | Composition II                  | 4.00  |
| DDT-3706         | Introduction to CAD                   | 2.00  | DDT-3707         | Intermediate CAD               | 2.00  | DDT-3708         | Advanced CAD                    | 2.00  |
| DDT-3717         | Materials for Engineering Technicians | 2.00  | DDT-3718         | Architecture History Survey    | 3.00  | DDT-3731         | Intro Civil Design/Drafting     | 3.00  |
|                  |                                       |       | DDT-3728         | Drafting II                    | 3.00  | DDT-3757         | Architectural Design I          | 4.00  |
| DDT-3758         | Engineering Sketching                 | 3.00  | MTH-1210         | College Algebra                | 5.00  | MTH-1226         | Trigonometry                    | 5.00  |
|                  | Non Technical Elective                | 3.00  |                  |                                |       |                  |                                 |       |
|                  | Non Technical Elective                | 4.00  |                  |                                |       |                  |                                 |       |
|                  | <b>Total</b>                          | 15.00 |                  | <b>Total</b>                   | 17.00 |                  | <b>Total</b>                    | 18.00 |
| Quarter 4 Autumn |                                       |       | Quarter 5 Winter |                                |       | Quarter 6 Spring |                                 |       |
| COM-1525         | Technical Writing                     | 3.00  | BMT-2018         | Project Management             | 3.00  | COM-1523         | Small Group Communication       | 3.00  |
| DDT-3748         | Materials for Construction            | 5.00  | DDT-3257         | Statics & Strength Materials I | 3.00  | DDT-3258         | Statics & Strength Materials II | 3.00  |
| DDT-3766         | Architectural Design II               | 4.00  | DDT-3737         | Building Mechanical Systems    | 3.00  | DDT-3719         | Advanced AEC CAD                | 3.00  |
| PHY-3025         | Physics Mechanics                     | 5.00  | DDT-3771         | Structural Steel and Concrete  | 3.00  | PHY-3032         | Physics Heat, Light, Sound      | 3.00  |
|                  |                                       |       | DDT-3776         | Architectural Design III       | 4.00  |                  | Technical Elective              | 5.00  |
|                  |                                       |       |                  |                                |       |                  |                                 |       |
|                  |                                       |       |                  |                                |       |                  |                                 |       |
|                  | <b>Total</b>                          | 17.00 |                  | <b>Total</b>                   | 16.00 |                  | <b>Total</b>                    | 17.00 |

**TOTAL CREDIT HOURS REQUIRED: 100.00**

| 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 | BHS-1006   | Critical Thinking        | 3.00 |
| BHS-1376   | General Psychology        | 3.00 | BHS-1030   | Reasoning Skills         | 4.00 |
| BHS-1378   | Abnormal Psychology       | 3.00 | BHS-1340   | Ethics                   | 3.00 |
| BHS-1379   | Cultural Diversity        | 3.00 | BIO-1730   | Environmental Science    | 5.00 |
| BHS-1382   | Sociology                 | 3.00 | COM-1504   | Public Speaking          | 3.00 |
| BHS-1383   | Psychology of Adjustment  | 5.00 | COM-1514   | Contemporary Fiction     | 5.00 |
| BHS-1385   | Organizational Psychology | 3.00 | COM-1531   | National Issues          | 3.00 |
|  |                           |      | COM-1534   | Effective Communications | 4.00 |
|  |                           |      | DMD-3831   | Fundamentals of Drawing  | 4.00 |
|  |                           |      | Other suitable courses (Humanities) as approved by Advisor   |                          |      |

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

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