## Computer Aided Drafting and Design Technology

### Associate of Applied Science

**Specialization:** Architectural Drafting

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### 2013-2014

#### Business & Technology Division Degree Plan

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### Student Information

- **Student Name:** A#
- **Address:**
- **Telephone (Day):**
- **Even:**
- **Enrollment Date:**

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### Placement Testing

- **Accuplacer/ASSET/COMPASS/THEA:**
- **DATE:**

### Developmental Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Grade</th>
<th>Comments</th>
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</thead>
<tbody>
<tr>
<td>Orin 101 - College Success</td>
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<td>*Texas Success Initiative Rules</td>
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</tbody>
</table>

### Reading

- **Reading:** None
- **Read 70:**
- **Read 80:**
- **Read 90:**

### Writing

- **Writing:** None
- **ENGL 71:**
- **ENGL 81:**
- **ENGL 91:**

### Math

- **Math:** None
- **MATH 80:**
- **MATH 85:**
- **MATH 90:**

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### Major Courses

#### First Year - Fall Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>SCH</th>
<th>COLLEGE</th>
<th>SEM/yr</th>
<th>Grade</th>
<th>Comments</th>
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<tbody>
<tr>
<td>MATH 1414 - College Algebra</td>
<td>4</td>
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<tr>
<td>COSC 1301 - Microcomputer Applications</td>
<td>3</td>
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<tr>
<td>DFTG 1305 - Technical Drafting</td>
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<tr>
<td>DFTG 1309 - Basic Computer-Aided Drafting</td>
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<tr>
<td>DFTG 1315 - Architectural Blueprint Reading &amp; Sketching</td>
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#### First Year - Spring Semester

<table>
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<tr>
<th>Course</th>
<th>SCH</th>
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<th>SEM/yr</th>
<th>Grade</th>
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<tbody>
<tr>
<td>ENGL 1301 - Composition</td>
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<tr>
<td>ARCE 1321 - Architectural Illustration</td>
<td>3</td>
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<tr>
<td>DFTG 2328 - Architectural Drafting - Commercial</td>
<td>3</td>
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<tr>
<td>DFTG 2319 - Intermediate Computer-Aided Drafting</td>
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<tr>
<td>DFTG 1317 - Architectural Drafting - Residential</td>
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#### First Year - Summer

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<tbody>
<tr>
<td>DFTG 2321 - Topographical Drafting</td>
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<tr>
<td>ARCE 1352 - Structural Drafting</td>
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<tr>
<td>ARCE 1303 - Architectural Materials &amp; Methods of Construction</td>
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<tr>
<td>DFTG 2300 - Intermediate Architectural Drafting-Residential</td>
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<tr>
<td>PSYC 2301 - General Psychology or SOCI 1301</td>
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#### Second Year - Fall Semester

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>DFTG 1372 - Final Presentation/Portfolio Development</td>
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<tr>
<td>SPCH 1311 - Introduction to Speech Communication</td>
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<tr>
<td>DFTG 2338 - Final Project-Advanced Drafting</td>
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<tr>
<td>DFTG 2340 - Solid Modeling / Design</td>
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<tr>
<td>ARCE 2352 - Mechanical &amp; Electrical Systems</td>
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#### Second Year - Spring

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<tr>
<td><strong>Program Elective</strong></td>
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<tr>
<td>DFTG 1380 - CAPSTONE: Cooperative Education</td>
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**Identifies Courses to Fulfill Minimum 15 Hours General Education Requirement**

**See back of degree plan for Program Elective Options.**

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### Student's Signature

- **Date:**
- **Faculty/Advisor's Signature:**
- **Date:**
2013-2014  CADD AAS - Specialization: Architectural Drafting

PRE-REQUISITES:

MATH 1414  COLLEGE ALGEBRA
Prerequisite: A score of 63+ on the Elementary Algebra ACCUPLACER Exam, or a score of 63+ on the
CLM ACCUPLACER Exam; or completion of MATH 0090 with a grade of "P", "C" or better, or equivalent.

COSC 1301  MICROCOMPUTER APPLICATIONS
Prerequisite: None.

DFTG 1305  TECHNICAL DRAFTING
Prerequisite: Concurrent enrollment in DFTG 1309.

DFTG 1309  BASIC COMPUTER-AIDED DRAFTING
Prerequisite: Completion of or concurrent enrollment in DFTG 1305 or ARTC 1321.

DFTG 1315  ARCHITECTURAL BLUEPRINT READING & SKETCHING
Prerequisite: Concurrent enrollment in DFTG 1309.

ENGL 1301  COMPOSITION
Prerequisite: A score of 60+/E-6, E-7, E-8 or 80+/E-5 on the ACCUPLACER Exam for Writing,
equivalent placement score, or completion of ENGL 0200 with a grade of "C" or better; and a score of
78 on the ACCUPLACER Exam for Reading, the completion of READ 0200 or equivalent.

ARCE 1321  ARCHITECTURAL ILLUSTRATION
Prerequisite: DFTG 1305, DFTG 1309, or ARTC 1321.

DFTG 2328  ARCHITECTURAL DRAFTING - COMMERCIAL
Prerequisite: DFTG 1305, DFTG 1309; and completion of or concurrent enrollment in DFTG 2319.

DFTG 2319  INTERMEDIATE COMPUTER-AIDED DRAFTING
Prerequisite: DFTG 1305, DFTG 1309 or ARTC 1321.

DFTG 1317  ARCHITECTURAL DRAFTING - RESIDENTIAL
Prerequisite: DFTG 1305, DFTG 1309 or ARTC 1321; and completion of or concurrent enrollment in
DFTG 2319.

DFTG 2321  TOPOGRAPHICAL DRAFTING
Prerequisite: DFTG 1309.

ARCE 1352  STRUCTURAL DRAFTING
Prerequisite: DFTG 1305, DFTG 1309, or ARTC 1321.

ARCE 1303  ARCHITECTURAL MATERIALS AND METHODS OF CONSTRUCTION
Prerequisite: DFTG 1315.

DFTG 2300  INTERMEDIATE ARCHITECTURAL DRAFTING-RESIDENTIAL
Prerequisite: DFTG 1317 and DFTG 2319.

PSYC 2301  GENERAL PSYCHOLOGY
Prerequisite: Completion of READ 0100 with a grade of "C" or better or equivalent.

SOCI 1301  INTRODUCTORY SOCIOLOGY
Prerequisite: Completion of READ 0100 with a grade of "C" or better or equivalent.

DFTG 1372  FINAL PRESENTATION/PORTFOLIO DEVELOPMENT
Prerequisite: DFTG 1317 and DFTG 2328.

SPCH 1311  INTRODUCTION TO SPEECH COMMUNICATION
Prerequisite: Completion of READ 0200 or equivalent.

DFTG 2338  FINAL PROJECT-ADVANCED DRAFTING
Prerequisite: Completion of or concurrent enrollment in ARCE 2352, and completion of DFTG 1317 and DFTG 2328.

DFTG 2340  SOLID MODELING / DESIGN
Prerequisite: DFTG 1317, DFTG 2319.

ARCE 2352  MECHANICAL & ELECTRICAL SYSTEMS
Prerequisite: Completion of or concurrent enrollment in DFTG 2338, DFTG 1317, and DFTG 2328.

DFTG 1380  CAPSTONE: COOPERATIVE EDUCATION
Prerequisite: DFTG 2338 and ARCE 2352.

HUMANITIES ELECTIVE - 3 CREDITS ( Depending on the course, check the catalog for pre-requisites.)

**Prerequisites for Program Elective Options:

CNBT 1346  CONSTRUCTION ESTIMATING I
Prerequisite: ARTC 1353.

ARTC 1302  DIGITAL IMAGING I
Prerequisite: None.

GISC 1311  INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS
Prerequisite: Completion of, or concurrent enrollment in, DFTG 1309.