

**Central Texas College District**  
**Associate of Applied Science in Computer-Aided Drafting and Design (AAS-DFT15) (AAS-DFDS)**  
 Fort Hood, TX; Fort Leonard Wood, MO

**Degree Objective-** Prepares graduates for employment as a versatile draftsman who is able to make basic design decisions and is capable of addressing the challenges of future technological advances in the drafting and design profession. Degree plan comprises 60 semester credit hours of which 45 are in technical illustration and presentation, machine and structural drafting, architectural drafting, and related subjects. This degree may be appropriate for transfer into a bachelor-level degree program.

**POINT OF CONTACT**  
 Debbie Hansen, Director of Evaluations & Graduation  
 P.O. Box 1800, Killeen, TX 76540  
 (254) 526-1394 or (800) 792-3348, ext. 1394  
 (254) 526-1481 FAX  
 debbie.hansen@ctcd.edu  
 www.ctcd.edu

**Academic Residency-** 15 semester hours

| DEGREE REQUIREMENTS              |   |  |    | HOME COLLEGE    | ARMY SCHOOL | ARMY MOS | TESTS | CERT/ LIC | DIST LRNG<br>See Note 2 |
|----------------------------------|---|--|----|-----------------|-------------|----------|-------|-----------|-------------------------|
| <b>General Education</b>         |   |  |    | <b>15-16 SH</b> |             |          |       |           |                         |
| <b>English</b>                   |   |  |    | <b>3 SH</b>     |             |          |       |           |                         |
| ENGL 1301                        | Composition I                                     |  | 3  | X               |             |          |       |           | X                       |
| <b>Speech</b>                    |   |  |    | <b>3 SH</b>     |             |          |       |           |                         |
| SPCH 1315                        | Public Speaking                                   |  | 3  | X               |             | X        |       |           | X                       |
| SPCH 1321                        | Business and Professional Communication           |  | 3  | X               |             |          |       |           | X                       |
| <b>Humanities/Fine Arts</b>      |   |  |    | <b>3 SH</b>     |             |          |       |           |                         |
| ANTH 2351                        | Cultural Anthropology                             |  | 3  | X               |             |          |       |           | X                       |
| ARTS 1303                        | Art History I                                     |  | 3  | X               |             |          |       |           | X                       |
| ARTS 1304                        | Art History II                                    |  | 3  | X               |             |          |       |           | X                       |
| DRAM 1310                        | Theater Appreciation                              |  | 3  | X               |             |          |       |           |                         |
| DRAM 2361                        | History of Theatre I                              |  | 3  | X               |             |          |       |           |                         |
| DRAM 2362                        | History of Theatre II                             |  | 3  | X               |             |          |       |           |                         |
| DRAM 2366                        | Film Appreciation                                 |  | 3  | X               |             |          |       |           |                         |
| ENGL 2322                        | British Literature I                              |  | 3  | X               |             | X        |       |           | X                       |
| ENGL 2323                        | British Literature II                             |  | 3  | X               |             | X        |       |           | X                       |
| ENGL 2327                        | American Literature I                             |  | 3  | X               |             | X        |       |           | X                       |
| ENGL 2328                        | American Literature II                            |  | 3  | X               |             | X        |       |           | X                       |
| ENGL 2332                        | World Literature I                                |  | 3  | X               |             |          |       |           | X                       |
| HUMA 1315                        | Fine Arts Appreciation                            |  | 3  | X               |             | X        |       |           | X                       |
| MUSI 1306                        | Music Appreciation                                |  | 3  | X               |             |          |       |           | X                       |
| MUSI 1307                        | Music Literature                                  |  | 3  | X               |             |          |       |           | X                       |
| PHIL 1301                        | Introduction to Philosophy                        |  | 3  | X               |             |          |       |           | X                       |
| PHIL 1304                        | Introduction to World Religions                   |  | 3  | X               |             | X        |       |           | X                       |
| PHIL 2306                        | Introduction to Ethics                            |  | 3  | X               |             |          |       |           | X                       |
| PHIL 2307                        | Introduction to Social and Political Philosophy   |  | 3  | X               |             |          |       |           | X                       |
| PHIL 2321                        | Philosophy of Religion                            |  | 3  | X               |             |          |       |           | X                       |
| <b>Mathematics</b>               |   |  |    | <b>3-4 SH</b>   |             |          |       |           |                         |
| MATH 1332                        | Contemporary Mathematics (Quantitative Reasoning) |  | OR | X               |             |          | X     |           | X                       |
| MATH 1342                        | Elementary Statistical Methods                    |  | OR | X               |             |          |       |           |                         |
| MATH 1414                        | College Algebra                                   |  |    | X               |             |          |       |           |                         |
| <b>Social/Behavioral Science</b> |   |  |    | <b>3 SH</b>     |             |          |       |           |                         |
| AGRI 2317                        | Introduction to Agriculture Economics             |  | 3  | X               |             |          |       |           | X                       |
| ECON 2301                        | Principles of Macroeconomics                      |  | 3  | X               |             | X        |       |           | X                       |
| ECON 2302                        | Principles of Microeconomics                      |  | 3  | X               |             | X        |       |           | X                       |
| GEOG 1301                        | Physical Geography                                |  | 3  | X               |             |          |       |           | X                       |
| GEOG 1302                        | Cultural Geography                                |  | 3  | X               |             | X        |       |           | X                       |
| GEOG 1303                        | World Regional Geography                          |  | 3  | X               |             |          |       |           | X                       |
| GOVT 2304                        | Introduction to Political Science                 |  | 3  | X               |             |          |       |           |                         |
| GOVT 2305                        | Federal Government                                |  | 3  | X               |             |          |       |           |                         |
| HIST 1301                        | United States History I                           |  | 3  | X               |             | X        |       |           | X                       |
| HIST 1302                        | United States History II                          |  | 3  | X               |             | X        |       |           | X                       |
| HIST 2301                        | Texas History                                     |  | 3  | X               |             |          |       |           | X                       |
| HIST 2311                        | Western Civilization I                            |  | 3  | X               |             | X        |       |           | X                       |
| HIST 2312                        | Western Civilization II                           |  | 3  | X               |             | X        |       |           | X                       |
| HIST 2321                        | World Civilizations I                             |  | 3  | X               |             |          |       |           |                         |
| HIST 2322                        | World Civilizations II                            |  | 3  | X               |             |          |       |           |                         |
| HIST 2381                        | African American History I                        |  | 3  | X               |             |          |       |           | X                       |
| PSYC 2301                        | General Psychology                                |  | 3  | X               |             | X        |       |           | X                       |
| PSYC 2308                        | Child Psychology                                  |  | 3  | X               |             | X        |       |           | X                       |
| PSYC 2314                        | Life Span Growth and Development                  |  | 3  | X               |             | X        |       |           | X                       |
| PSYC 2315                        | Psychology of Adjustment                          |  | 3  | X               |             |          |       |           | X                       |
| PSYC 2316                        | Psychology of Personality                         |  | 3  | X               |             |          |       |           | X                       |
| SOCI 1301                        | Introduction to Sociology                         |  | 3  | X               |             | X        |       |           | X                       |
| SOCI 1306                        | Social Problems                                   |  | 3  | X               |             |          |       |           | X                       |
| SOCI 2301                        | Marriage and the Family                           |  | 3  | X               |             |          |       |           | X                       |
| SOCI 2319                        | Minority Studies I                                |  | 3  | X               |             |          |       |           |                         |
| <b>Major Requirements*</b>       |   |  |    | <b>45 SH</b>    |             |          |       |           |                         |
| DFTG 1358                        | Electrical/Electronics Drafting                   |  | 3  | X               |             |          |       |           |                         |
| DFTG 1405                        | Technical Drafting                                |  | 4  | X               | X           |          |       |           | X                       |
| DFTG 1409                        | Basic Computer-Aided Drafting                     |  | 4  | X               | X           |          |       |           |                         |

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|----------------------|---|--------------|---|--------------|-------------|----------|-------|-----------|-------------------------|
| DFTG 1417            | Architectural Drafting-Residential                                  | 4            | X | X            |             |          |       |           |                         |
| DFTG 1491            | Special Topics in Drafting and Design Technology/Technician General | 4            | X |              |             |          |       |           |                         |
| DFTG 2317            | Descriptive Geometry  | 3            | X |              |             |          |       |           |                         |
| DFTG 2323            | Pipe Drafting   | 3            | X |              |             |          |       |           |                         |
| DFTG 2402            | Machine Drafting  | 4            | X |              |             |          |       |           |                         |
| DFTG 2412            | Technical Illustration and Presentation                             | 4            | X |              |             |          |       |           |                         |
| DFTG 2421            | Topographical Drafting  | 4            | X | X            |             |          |       |           |                         |
| DFTG 2438            | Final Project-Advanced Drafting                                     | 4            | X |              |             |          |       |           |                         |
| DFTG 2440            | Solid Modeling/Design   | 4            | X |              |             |          |       |           |                         |
| <b>Total Credits</b> |   | <b>60 SH</b> |   |              |             |          |       |           |                         |

- Notes:**
- 1) An "X" in a column indicates that the Institution guarantees to accept credit from the source shown for at least part of the requirement.
  - 2) This column indicates whether a school accepts transfer credit for courses taken through distance learning. It does not mean that the school offers the course through distance learning.
  - 3) A course may be used toward one requirement only.
  - 4) Only lower-level courses are accepted in transfer.
  - 5) The student is responsible for meeting course prerequisites. It is recommended that the student take placement tests prior to enrolling in mathematics, reading-intensive, and writing courses. Based on scores, the student may be required to take a series of developmental study courses.
  - 6) Soldiers electing to take the high end semester hour range of a degree requirement area will need to request an ESO override if the total degree credits exceed 60 SH.

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|------------------------|----------|
| <b>Date Effective:</b> | 1-Jul-20 |
| <b>Term Effective:</b> | T790     |