

TRANSFER PATHWAY
(For Transfer to Tarleton State University)
ASSOCIATE OF APPLIED SCIENCE IN COMPUTER-AIDED DESIGN AND DRAFTING TO
BACHELOR OF APPLIED ARTS AND SCIENCES IN MANUFACTURING AND INDUSTRIAL MANAGEMENT ^T

Catalog Year 2021-2022 You may use this pathway if you entered Dallas College on or before this date.

Career Path Manufacturing and Industrial Technologies

Available at Eastfield Campus and Mountain View Campus

TSI Must be Complete

SEMESTER-BY-SEMESTER MAP FOR FULL-TIME STUDENTS

Although there may be several options to fulfill certain requirements for the associate's degree, please note that this pathway lists the specific courses leading to this bachelor's degree. All plans can be modified to fit the needs of part-time students. This is not an official degree plan. Refer to catalog for official degree requirements. You must receive a GPA of at least 2.00 on all college-level course work. Students must earn at least 25% of the credit hours required for graduation through instruction by Dallas College. Certain courses for this program are only offered at the Eastfield Campus and Mountain View Campus. Contact your advisor for information.

AAS DEGREE MINIMUM: 60 SEMESTER CREDIT HOURS

SEMESTER 1

Total Hours: 14

DFTG 1409 – Basic Computer-Aided Drafting

CHOOSE ONE: **DFTG 1315** – Architectural Blueprint Reading *Architecture based coursework* **OR**

DFTG 1325 – Blueprint Reading and Sketching *Mechanical based coursework*

CHOOSE ONE: **DFTG 1405** – Technical Drafting *Mechanical based coursework* **OR**

ARCE 1421 – Architectural Illustration *Architecture based coursework*

CHOOSE ONE: **MATH 1324** – Mathematics for Business and Social Sciences *This is a (CB 020) Core course. Must earn a grade of "C" or higher.* **OR**

MATH 1314 – College Algebra *This is a (CB 020) Core course. Must earn a grade of "C" or higher.*

SEMESTER 2

Total Hours: 14

DFTG 2419 – Intermediate Computer-Aided Drafting

DFTG 1417 – Architectural Drafting-Residential

ENGL 1301 – Composition I *This is a (CB 010) Core course. Must earn a grade of "C" or higher.*

CHOOSE ONE:* **ARCE 1303** – Architectural Materials and Methods of Construction

DFTG 1315 – Architectural Blueprint Reading

DFTG 1325 – Blueprint Reading and Sketching

DFTG 1329 – Electro-Mechanical Drafting

DFTG 2321 – Topographical Drafting

* There are additional courses that can be selected. Contact your academic or faculty advisors for specific list.

SEMESTER 3

Total Hours: 17

DFTG 1445 – Parametric Modeling and Design

PSYC 2301 – General Psychology *This is a (CB 080) Core course.*

Humanities/Fine Arts Core Elective *This is a (CB 040 or CB 050) Core course. There are several options to fulfill this requirement. Contact your academic advisor for a specific list.*

DFTG 2428 – Architectural Drafting-Commercial

CHOOSE ONE: **ARTC 1302** – Digital Imaging I* **OR**

ARTC 1325 – Introduction to Computer Graphics* **OR**

DFTG 2380 – Cooperative Education-Drafting and Design

* There are additional courses that can be selected. Contact your academic or faculty advisors for specific list.

SEMESTER 4

Total Hours: 15

DFTG 2438 – Final Project-Advanced Drafting *This is the capstone experience.*

CHOOSE ONE:* **DFTG 1491** – Special Topics in Drafting and Design Technology/Technician

DFTG 1495 – Special Topics in Mechanical Drafting

DFTG 2431 – Advanced Technologies in Architectural Design and Drafting

DFTG 2432 – Advanced Computer-Aided Drafting

DFTG 2440 – Solid Modeling/Design

CHOOSE ONE:* **BCIS 1405** – Business Computer Applications **OR**

ITSC 1401 – Introduction to Computers

CHOOSE ONE: **SPCH 1311** – Introduction to Speech Communication **OR**

SPCH 1315 – Public Speaking *These are (CB 090) Core courses.*

*There are additional courses that can be selected. Contact your academic or faculty advisors for specific list.

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THESE COURSES MAY BE COMPLETED AT DALLAS COLLEGE (IF OFFERED) OR TSU

Total Hours: 30

ENGL 1302 – Composition I
Life and Physical Science Core Elective (4 credits) X 2
HIST 1301 – US History I
HIST 1302 – US History II
GOVT 2305 – Federal Government
GOVT 2306 – Texas Government
Language, Philosophy and Culture Core Elective
MATH 1316 Plane Trigonometry or MATH 1342 Elementary Statistical Methods
Any 1 Credit Core Elective

SEMESTER-BY-SEMESTER MAP FOR FULL-TIME STUDENTS

For questions about the university portion of this transfer pathway, contact the **Academic Advising Office at (254) 968-9746 or advising@tarleton.edu**. It is best to apply to Tarleton State University a full semester before you plan to transfer.

SEMESTER 1

Total Hours: 15

Tarleton Course
Tarleton Course
Tarleton Course
Tarleton Course
Tarleton Course

SEMESTER 2

Total Hours: 12

Tarleton Course
Tarleton Course
Tarleton Course
Tarleton Course

SEMESTER 3

Total Hours: 12

Tarleton Course
Tarleton Course
Tarleton Course
Tarleton Course

[†] Degree availability varies by campus; consult www.tarleton.edu for more information.