

**Associate in Applied Science in
Computer-Aided Design and Drafting to
(With Computer-Aided Design Operator and Advanced Operator Certificates)**

**BAAS
Guided Pathway for DCCCD/Dallas ISD Early College High Schools
Effective for the 2017-2018 Catalog**

First Year Courses – Eastfield College

FIRST SEMESTER	SECOND SEMESTER
ARTC 1302 – Digital Imaging I* ^Δ	DFTG 2419 – Intermediate Computer-Aided Drafting
DFTG 1405 – Technical Drafting* ^Δ	DFTG 2321 – Topographical Drafting* ^Δ
^C SPCH 1311 – Intro to Speech Communication* ^Δ (090)	DFTG 2428 – Architectural Drafting-Commercial
DFTG 1409 – Basic Computer-Aided Drafting	^C ENGL 1301 – Composition I (010)
DFTG 1325 – Blueprint Reading or Sketching* ^Δ	^C MATH 1324 – Math for Business and Social Sciences* ^Δ (020)

Second Year Courses – Eastfield College

It's best to apply to Tarleton State University a full semester before you plan to transfer. It will help if you submit a copy of this pathway with your application.

FIRST SEMESTER	SECOND SEMESTER
BCIS 1405 – Business Computer Info Systems* ^Δ	MATH 1332 – Contemporary Math ^Δ
^C Fine Arts Elective* ^Δ (050)	^C PSYC 2301 – General Psychology (080)
DFTG 2432 – Advanced Computer-Aided Drafting	DFTG 1495 – Special Topics in Mechanical Drafting & Mechanical Drafting CAD/CADD* ^Δ
DFTG 1445 – Parametric Modeling and Design	DFTG 1417 – Architectural Drafting-Residential
ENGL 1302 – Composition II ^Δ (010)	

AAS: Computer-Aided Design and Drafting (66 hours)

You will need to apply for the associate's degree at your community college. Contact your advisor there for more information.

Second Year Courses – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
ENGT 3303 Industrial Materials	ENGT 4336 Production Planning
^C MATH 1316 Plane Trigonometry OR Math 1342 Statistics	ENGT 3395 Project Management
ENGT 3386 Quality Management	Advanced ENGT Course
^C ENGL 1302 – Composition II (090)	^C *Visual & Performing Arts (050)
^C *Science Core (030)	
THIRD SEMESTER	
^C Social and Behavioral Sciences (080)	

Second Year Courses - Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
ENGT 4346 Manufacturing Management	ENGT 3375 Continuous Improvement
Advanced ENGT Course	Advanced ENGT Course
Advanced ENGT Course	Advanced ENGT Course
Advanced ENGT Course	Advanced ENGT Course
^C *Science Core (030)	^C HIST 1302 United States History II (060)
^C HIST1301 United States History I (060)	THIRD SEMESTER
	^C GOVT 2306 Texas Government (070)

This is not an official degree plan. Check with an advisor; degree plans may change in later catalogs.

Part-time students may also follow this sequence. Developmental coursework may be required.

* You may take a different course to meet this requirement. A specific list is available from your advisor.

^C This course counts for the Core Curriculum at any public college or university in Texas.

() Course numbers shown in parentheses are equivalent to these courses at Tarleton State University.

^Δ This course is a required option or elective for students enrolled in a DCCCD/Dallas ISD Early College High School at specific colleges. Other elective options are available in the DCCCD degree requirements.

For questions about the University portion of this guided pathway,
Contact the Engineering Technology Department at (254)968-9010 or Engineering.Technology@tarleton.edu