



INDUSTRY,  
MANUFACTURING  
& CONSTRUCTION



# Associate in Applied Science in Computer-Aided Design and Drafting to BAAS: Information Systems Guided Pathway Effective for the 2019-2020 catalog<sup>1</sup>



BACHELOR OF  
APPLIED ARTS  
& SCIENCES  
Experience  
Discovery  
Collaboration  
Application

## First Year – Eastfield and Mountain View College<sup>2</sup>

FIRST SEMESTER	SECOND SEMESTER
DFTG 1315 – Architectural Blueprint Reading <sup>#p</sup> <b>OR</b> DFTG 1325 – Blueprint Reading and Sketching <sup>#p</sup>	<i>Choose One:</i> <sup>††</sup> 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 2331 – Topographical Drafting
DFTG 1405 – Technical Drafting <sup>#pp</sup> <b>OR</b> ARCE 1421 – Architectural Illustration <sup>#p</sup>	DFTG 2419 – Intermediate Computer-Aided Drafting
DFTG 1409 – Basic Computer-Aided Drafting	DFTG 1417 – Architectural Drafting-Residential
<sup>p</sup> C <sup>p</sup> MATH 1324 – Mathematics for Business and Social Sciences (020) <b>OR</b> <sup>p</sup> C <sup>p</sup> MATH 1314 – College Algebra (020)	<sup>p</sup> C <sup>p</sup> ENGL 1301 – Composition I (010)
Total Semester Hours: 14	Total Semester Hours: 14

## Second Year – Eastfield and Mountain View College

It's best to apply to UNT 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
DFTG 1445 – Parametric Modeling and Design	<i>Choose One:</i> <sup>p†</sup> 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
<sup>p</sup> C <sup>p</sup> PSYC 2301 – General Psychology (080)	BCIS 1405 – Business Computer Applications+ <b>OR</b> ITSC 1401 – Introduction to Computers+
ARTC 1302 – Digital Imaging I+ <b>OR</b> ARTC 1325 – Introduction to Computer Graphics+ <b>OR</b> DFTG 2380 – Cooperative Education-Drafting and Design	<sup>p</sup> C <sup>p</sup> SPCH 1311 – Introduction to Speech Communication (090) <b>OR</b> <sup>p</sup> C <sup>p</sup> SPCH 1315 – Public Speaking (090)
<sup>p</sup> C <sup>p</sup> Humanities/Fine Arts Elective* (040 OR 050)	DFTG 2432 – Advanced Computer-Aided Drafting
DFTG 2428 – Architectural Drafting-Commercial	
Total Semester Hours: 17	Total Semester Hours: 15

## AAS: Computer-Aided Design and Drafting (60 hours)

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

## Third Year - University of North Texas

FIRST SEMESTER	SECOND SEMESTER
BAAS 3020 - Inquiry and Discovery	BAAS 3000 – Pathways to Civic Engagement
<sup>c</sup> PSCI 2305 – American Gov't: Process & Policies (GOVT 2305)	<sup>c</sup> Life and Physical Science, or Math if science course taken in first year.
<sup>c</sup> ENGL 1320 – College Writing II (ENGL 1302)	<sup>c</sup> PSCI 2306 - US and Texas Constitutions and Institutions (GOVT 2306)
CSCE 1030 – Computer Science I	CSCE 2110 – Computing Foundations II
CSCE 1040 – Computer Science II	CSCE 2100 – Computing Foundations I
Total Semester Hours: 15	Total Semester Hours: 15

## Summer SEMESTER

Elective 3XXX-4XXX
Elective 3XXX-4XXX
Elective 3XXX-4XXX

## Fourth Year - University of North Texas

FIRST SEMESTER	SECOND SEMESTER
<sup>c</sup> Life and Physical Science	BAAS 4100 - Managing a 21 <sup>st</sup> Century Career
<sup>c</sup> HIST 2610 – US History to 1865 (HIST 1301)	<sup>c</sup> HIST 2620 – US History since 1865 (HIST 1302)
<sup>c</sup> Fine Arts course or Humanities if Fine Arts taken in first year. 3XXX-4XXX Level	<sup>c</sup> Component Area Option 3XXX-4XXX
CSCE 3XXX-4XXX	CSCE 3XXX-4XXX
CSCE 3XXX-4XXX	CSCE 3XXX-4XXX
Total Semester Hours: 15	Total Semester Hours: 15

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.

<sup>†</sup> You may use this pathway if you entered one of the seven colleges on or before this date.

<sup>‡</sup> Students must earn at least 25% of the credit hours (15 hours) required for graduation through instruction by one of the seven colleges of the DCCCD awarding the degree.

<sup>#</sup> DFTG 1315 and ARCE 1421 have architecture based coursework. <sup>##</sup> DFTG 1325 and 1405 have mechanical based coursework.

<sup>‡</sup> This course counts for the Core Curriculum at any public college or university in Texas.

<sup>\*</sup> There are several course options to fulfill this elective requirement for the Associate Degree. Speak with your academic or faculty advisors for a specific list in the catalog.

<sup>††</sup> There are additional courses that can be selected. Speak with your academic or faculty advisors for a specific list in the catalog.

While there are additional courses that can be selected, please note:

<sup>†††</sup> The following courses will **NOT** count toward the Computer-Aided Design Operator (DO1) Certificate: DFTG 1333, DFTG 1340, DFTG 2381, INMT 1343

<sup>††††</sup> The following courses will **NOT** count for the Computer-Aided Design Advanced Operator (DO2) Certificate: DFTG 1333, DFTG 1340, DFTG 1336, INMT 1343

<sup>†††††</sup> You must earn a grade of 'C' or better in English 1301 and the selected college-level mathematics course.

<sup>††††††</sup> Course numbers shown in parentheses are equivalent to these courses at UNT.

Approved: 2019-2020 Guided Pathway

UNT Concentrations:

This plan illustrates one possible concentration. However, there are other possible concentrations that can be selected in conjunction with your academic advisor.

For questions about the University portion of this degree plan,  
Contact the UNT BAAS Academic Advising Office at (940) 369-8129, [baas@unt.edu](mailto:baas@unt.edu)  
<http://baas.unt.edu>