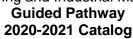


### AAS in Engineering Design Technology to

Bachelor of Applied Arts and Sciences in Manufacturing and Industrial Management<sup>T</sup>

Guided Pathway





## First Year - Tyler Junior College

FIRST SEMESTER	SECOND SEMESTER	
<b>DFTG 1409</b> – Basic Computer-Aided Drafting	<b>DFTG 2450</b> – Geo. Dimensioning and Tolerancing	
DFTG 2440- Solid Modeling/Design	DFTG 1405 – Technical Drafting	
TECM 1303 – Technical Calculations *	DFTG 1417 – Architectural Drafting – Residential	
<sup>c</sup> EDUC 1300 – Learning Framework (090) *	<sup>c</sup> ENGL 1301 – Composition I (010)	
ITSC 1309 – Integrated Software Applications I	Total semester hours: 15	

Total semester hours: 17

#### Second Year – Tyler Junior College

It's best to apply to Tarleton State University a full semester before you plan to transfer.

FIRST SEMESTER	SECOND SEMESTER		
<b>DFTG 2300</b> – Intermediate Arch. Drafting – Residential	MCHN 1319 – Manufacturing Materials and Processes		
DFTG 2306 – Machine Design	DFTG 1358 – Electrical/Electronics Drafting *		
CPHYS 1405 – Elementary Physics I (030)	CENGL 2311 – Technical & Business Writing (010)		
<b>DFTG 2321</b> – Topographical Drafting	CSPCH 1321 – Business & Prof. Communication (010) *		
CXXXX X3XX – Language, Philosophy and Culture Core *	Total semester hours:12		
(040)			

Total semester hours: 16

#### AAS: Engineering Design Technology

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

Tod will need to apply for the associate a degree at your community conege. Contact your davisor there for more information.			
These courses may be taken at Tyler Junior College (if offered) or TSU			
<sup>c</sup> GOVT 2306 – Texas Government	<sup>c</sup> ENGL 1302 – Composition II		
C*Life and Physical Science Core Elective (4 credits)	C*Creative Arts Core Elective		
<sup>c</sup> HIST 1301 – United States History I	<sup>c</sup> HIST1302 – United States History II		
<sup>C*</sup> Math Core Elective	<sup>c</sup> GOVT 2305 – Federal Government		
MATH 1316 – Plane Trigonometry or	C*Social and Behavioral Science Core Elective		
MATH 1342 – Elementary Statistical Methods			

Total Semester Hours: 16

Total Semester Hours: 14

Third Year - Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
Tarleton Course	Tarleton Course

Total Semester Hours: 12

Total Semester Hours: 12

# Fourth Year - Tarleton State University

FIRST SE	MESTER	
Tarleton Course		

Total Semester Hours: 15

Total: 129

## 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.
- <sup>c</sup> 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.
- TDegree availability varies by campus; consult <a href="https://www.tarleton.edu">www.tarleton.edu</a> for more information.