



AAS – Process Technology to  
**Bachelor of Applied Arts and Sciences**  
**Manufacturing and Industrial Management**  
**General Concentration <sup>T</sup>**  
**Guided Pathway**  
Effective for the 2019-2020 Catalog



**First Year – Del Mar College**

FIRST SEMESTER	SECOND SEMESTER
ITSC 1301 Intro to Computers	PTAC 1332 Process Instrumental I
PTAC 1302 Introduction to Process Technology	PTAC 1354 Industrial Process
PTAC 1310 Process Tech I: Equipment	PTAC 2420 Process Tech II – Systems
PTAC 1308 Safety, Health, & Environmental	<sup>C</sup> ARCH 1301 Architectural History I
<sup>C</sup> SPCH 1311 Introduction to Speech Communications	

Total Semester Hours: 15

Total Semester Hours: 13

**Second Year – Del Mar College**

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

FIRST SEMESTER	SECOND SEMESTER
SCIT 1414 Applied General Chemistry I	SCIT 1318 Applied Physics
<sup>C</sup> ENGL 1301 Composition I	CTEC 2445 Unit Operations
PTAC 2314 Principles of Quality	PTAC 2346 Process Troubleshooting
<sup>C</sup> HIST 1301 United States History I	<sup>C</sup> PHYS 1305 Introduction to Physics*
PTAC 2438 Process Technology III: Operations	CTECT 2287 Intern Chemical Technology / Technician

Total Semester Hours: 17

Total Semester Hours: 15

**AAS: Process Technology**

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

**These courses may be taken at Del Mar College (if offered) or TSU-Stephenville Campus**

<sup>C</sup> *Life and Physical Science Core Elective (4 credits)	<sup>C</sup> *Language Philosophy & Culture
<sup>C</sup> *Math Core Elective	<sup>C</sup> HIST 1302 United States History II
<sup>C</sup> ENGL 1302 Composition II	<sup>C</sup> *GOVT 2306 Texas Government
<sup>C</sup> *Life and Physical Science Core Elective (4 credits)	<sup>C</sup> GOVT 2305 Federal Government
<sup>C</sup> *Social & Behavioral Sciences Core Elective	MATH 1316 Plane Trigonometry <b>OR</b> MATH 1342 Elementary Statistics

Total Semester Hours: 17

Total Semester Hours: 15

**Third Year – Tarleton State University**

FIRST SEMESTER	SECOND SEMESTER
ENGT 3318 Research & Reporting for Technologists	Advanced ENGT Course
Advanced ENGT Course	ENGT 3395 Project Management
Advanced ENGT Course	Advanced ENGT Course
Advanced Elective Course	Advanced ENGT Course

Total Semester Hours: 12

Total Semester Hours: 12

**Fourth Year - Tarleton State University**

FIRST SEMESTER
ENGT 3375 Continuous Improvement
Advanced ENGT Course
Advanced Elective Course
Advanced Elective Course
Advanced Elective Course

Total Semester Hours: 15

Total Degree Hours: 131

**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.

<sup>T</sup> Degree availability varies by campus; consult [www.tarleton.edu](http://www.tarleton.edu) for more information.

For questions about the university portion of this pathway,  
Contact the Department of Engineering Technology at 254-968-9014 or [engineering.technology@tarleton.edu](mailto:engineering.technology@tarleton.edu).