

### First Year - NCTC

FIRST SEMESTER	SECOND SEMESTER
PTRT 1301 – Introduction to Petroleum Industry	ELPT 1319 – Fundamentals of Electricity I
TECM 1301 – Industrial Mathematics	PTRT 1324 – Petroleum Instrumentation
OSHT 1320 – Energy Industrial Safety	PTRT 1303 – Drilling
ELPT 1341 – Motor Control	WLDG 1323 – Welding Safety, Tools, and Equipment
PTRT 1307 – Recovery and Production Methods	PTRT 2331 – Well Completions

### Second Year - NCTC

It is best to apply to [Tarleton State University](http://tarleton.edu) 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
PTRT 1317 – Natural Gas Processing I	PTRT 2380 – Coop-Petroleum Technology/Tech
PTRT 2359 – Petroleum Computer Applications	<sup>C</sup> MATH 1314 – College Algebra*
BMGT 2309 – Leadership	<sup>C</sup> ARTS 1301 – Art Appreciation
BMGT 1327 – Principles of Management	<sup>C</sup> ENGL 1301 –Composition I
<sup>C</sup> SPCH 1321 – Bus. & Prof Comm.*	<sup>C</sup> XXXX X3XX – Social/Behavioral Science Core

### AAS: Petroleum Technology

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

### Third Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
ENGT 3303 Industrial Materials	ENGT 4336 Production Planning
<sup>C</sup> MATH 1316 Plane Trigonometry OR MATH 1342 Statistics	ENGT 3395 Project Management
ENGT 3386 Quality Management	Advanced ENGT Course
<sup>C</sup> ENGL 1302 – Composition II	<sup>C</sup> *Science Core
<sup>C</sup> *Science Core	<sup>C</sup> * Social & Behavioral Science
SUMMER	
<sup>C</sup> GOVT 2306 Texas Government	

### Fourth Year - 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
<sup>C</sup> *Humanities Core	<sup>C</sup> HIST 1302 United States History II
SUMMER	
<sup>C</sup> GOVT 2305 Federal Government	

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

- \* 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. Sometimes, taking a specific course to meet a Core requirement will also fulfill other requirements for your degree. If this course meets more than one requirement it is listed as the correct option (with no asterisk).

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