

 Stark State COLLEGE	ONE-YEAR CERTIFICATE SHALENET PIPELINE TECHNICIAN <i>The catalog in force is assigned to students based on the academic year they first applied to the college, and changes only when students change their major or request the change in writing. Refer to Policy No. 3357:15-13-28.</i>	2021 Catalog Effective Summer 2020
		4314

Engineering Technologies Division

Oil and Gas Technology Department

TECHNICAL Course Number	Course Title	Credits	Pre- and Co-Requisites	Completed Sem./Year
EST230	Electrical Circuits and Devices [^]	4	(MTH025 or Proficiency) or MTH107	
MST221	Mechanical Drive Components	3		
PET132	Petroleum Instrumentation	3		
ARL234	Gas Compression and Flow Dynamics	3		
ARL239	Large Line Unit Compressor Assembly	3		
PET102	Introduction to Supervisory Control and Data Acquisition (SCADA)	2		
PET131	Corrosion Basics	3		
PET135	Measurement and Basic Pipeline Operations	3		
MST125	Basic Pumps	3		
	Total	27		
NON-TECH Course Number	Course Title	Credits	Pre- and Co-Requisites	Completed Sem./Year
SSC101	Student Success Seminar ^{^^}	1	<i>Take first semester</i>	
PET101	Introduction to the Petroleum Industry	3		
MST121 or DET125	Blueprint Reading or Basic AutoCAD	2 or 3		
	Total	6-7		
	TOTAL CREDIT HOURS	33-34		

[^]Based on SSC placement scores

^{^^}To promote student success, this course should be taken in the first semester

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FULL-TIME STUDENT ADVISING NOTES

Academic Advising

Students should make an appointment to see their advisor before registering for classes each semester. They should have prepared a completed registration form, including courses they wish to take, prior to this meeting.

Course Sequence

The semester-by-semester listing below provides the normal scheduling option for students seeking a one-year certificate.

<u>First Semester</u>		<u>Credit Hours</u>	<u>Pre- and Co-requisites</u>
SSC101	Student Success Seminar^^	1	<i>Take first semester</i>
MST221	Mechanical Drive Components	3	
ARL234	Gas Compression and Flow Dynamics	3	
PET101	Introduction to the Petroleum Industry	3	
EST230	Electrical Circuits and Devices^	4	(MTH025 or Proficiency) or MTH107
ARL239	Large Line Unit Compressor Assembly	<u>3</u>	
		17	
 <u>Second Semester</u>			
PET131	Corrosion Basics	3	
PET132	Petroleum Instrumentation	3	
PET102	Introduction to Supervisory Control and Data Acquisition (SCADA)	2	
PET135	Measurement and Basic Pipeline Operations	3	
MST125	Basic Pumps	3	
MST121	Blueprint Reading	2	
or	or	or	
DET125	Basic AutoCAD	<u>3</u>	
		16-17	
	TOTAL CREDITS	33-34	

^Based on SSC placement scores

^^To promote student success, this course should be taken in the first semester