

 	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

2021 Catalog Effective Summer 2020	ONE-YEAR CERTIFICATE SHALENET PIPELINE TECHNICIAN	4314
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PART-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 who plan to finish in four semesters.

<u>First Semester</u>		<u>Credit Hours</u>	<u>Pre- and Co-requisite</u>
SSC101	Student Success Seminar^^	1	<i>Take first semester</i>
PET101	Introduction to the Petroleum Industry	3	
ARL234	Gas Compression and Flow Dynamics	<u>3</u>	
		7	
 <u>Second Semester</u>			
MST221	Mechanical Drive Components	3	
EST230	Electrical Circuits and Devices^	4	(MTH025 or Proficiency) or MTH107
PET102	Introduction to Supervisory Control and Data Acquisition (SCADA)	<u>2</u>	
		9	
 <u>Third Semester</u>			
PET131	Corrosion Basics	3	
PET135	Measurement and Basic Pipeline Operations	3	
MST121	Blueprint Reading	2	
or	or	or	
DET125	Basic AutoCAD	<u>3</u>	
		8-9	
 <u>Fourth Semester</u>			
PET132	Petroleum Instrumentation	3	
ARL239	Large Line Unit Compressor Assembly	3	
MST125	Basic Pumps	<u>3</u>	
		9	
	TOTAL CREDITS	33-34	

^Based on SSC placement scores

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