



**CAREER ENHANCEMENT CERTIFICATE**  
**NATURAL GAS AND OIL TECHNOLOGY**  
**SHALENET C1**

**1718 Catalog**  
 Effective Summer 2017

**4327**

*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. 3357:15-13-06.*

*Engineering Technologies Division*

*Oil and Gas Technology Department*

Course Number	Course Title	Credits	Pre- and Co-Requisites	Completed Sem./Year
ARL234	Gas Compression and Flow Dynamics	3		
PET132	Petroleum Instrumentation	3	EST230 <b>and</b> (CHM101 or ARL234)	
EST230	Electrical Circuits and Devices <sup>^</sup>	4	[(MTH093 and MTH094) or Proficiency] <b>or</b> MTH107	
MST221	Mechanical Drive Components	3		
PET101	Introduction to the Petroleum Industry	3		
PET102	Introduction to Supervisory Control and Data Acquisition SCADA	2		
	<b>TOTAL CREDIT HOURS</b>	<b>18</b>		

**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.

<u>First Semester</u>		<u>Credit Hours</u>	<u>Pre- and Co-requisites</u>
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PET132	Petroleum Instrumentation	3	EST230 <b>and</b> (CHM101 or ARL234)
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MST221	Mechanical Drive Components	3	
PET101	Introduction to the Petroleum Industry	3	
PET102	Introduction to Supervisory Control and Data Acquisition SCADA	<u>2</u>	
	<b>TOTAL CREDITS</b>	<b>18</b>	

<sup>^</sup>Based on SSC placement scores