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| <br> | <b>CAREER ENHANCEMENT CERTIFICATE</b><br><b>SHALENET INSTRUMENTATION AND MEASUREMENT TECHNICIAN</b><br><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> | <b>2023-24 Catalog</b><br>Effective Summer 2023<br><br><div style="font-size: 2em; font-weight: bold;">4336</div> |
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*Business, Engineering, and Information Technologies Division    CDL, Energy, and Environmental Technology Department*

| Course Number             | Course Title   | Credits        | Pre- and Co-Requisites         | Completed Sem./Year |
|---------------------------|--|----------------|--------------------------------|---------------------|
| ARL234                    | Gas Compression and Flow Dynamics                                | 3              |                                |                     |
| ETD224<br>or<br>AET121    | Engineering Co-op<br>or<br>Sustainable/AET Sources               | 4<br>or<br>3   | <i>Check for prerequisites</i> |                     |
| PET102                    | Introduction to Supervisory Control and Data Acquisition (SCADA) | 2              |                                |                     |
| PET131                    | Corrosion Basics   | 3              |                                |                     |
| PET135                    | Measurement and Basic Pipeline Operations                        | 3              |                                |                     |
| PET141                    | Production Operations  | 3              |                                |                     |
| PET210                    | Petroleum Process Controls                                       | 3              |                                |                     |
| <b>TOTAL CREDIT HOURS</b> |  | <b>20 - 21</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>  |
|------------------------|--|---------------------|--------------------------------|
| ARL234                 | Gas Compression and Flow Dynamics                                | 3                   |                                |
| PET102                 | Introduction to Supervisory Control and Data Acquisition (SCADA) | 2                   |                                |
| PET131                 | Corrosion Basics   | 3                   |                                |
| PET135                 | Measurement and Basic Pipeline Operations                        | 3                   |                                |
|                        |  | 11                  |                                |
| <u>Second Semester</u> |  |                     |                                |
| PET141                 | Production Operations  | 3                   |                                |
| PET210                 | Petroleum Process Controls                                       | 3                   |                                |
| ETD224<br>or<br>AET121 | Engineering Co-op<br>or<br>Sustainable/AET Sources               | 4<br>or<br>3        | <i>Check for prerequisites</i> |
|                        |  | 9 - 10              |                                |
| <b>TOTAL CREDITS</b>   |  | <b>20 - 21</b>      |                                |