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|   | CAREER ENHANCEMENT CERTIFICATE PETROLEUM BASIC INDUSTRIAL MAINTENANCE CORE | 2021-22 Catalog Effective Summer 2021 |
| | <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> | 4328 |

Engineering Technologies Division

Oil and Gas Technology Department

| Course Number | Course Title | Credits | Pre- and Co-Requisites | Completed Sem./Year |
|---------------|--|-----------|-----------------------------------|---------------------|
| AIT134 | Preventive and Predictive Maintenance | 3 | MST125 and MST221 | |
| AIT124 | Principles of Rigging | 2 | | |
| EST230 | Electrical Circuits and Devices [^] | 4 | (MTH025 or Proficiency) or MTH107 | |
| MST121 | Blueprint Reading | 2 | | |
| MST125 | Basic Pumps | 3 | | |
| MST134 | Hydraulic and Pneumatic Systems [^] | 4 | MTH022 or MTH023 or Proficiency | |
| MST221 | Mechanical Drive Components | 3 | | |
| | TOTAL CREDIT HOURS | 21 | | |

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.

First Semester

| | | <u>Credit Hours</u> | <u>Pre- and Co-requisites</u> |
|--------|--|---------------------|-----------------------------------|
| EST230 | Electrical Circuits and Devices [^] | 4 | (MTH025 or Proficiency) or MTH107 |
| AIT124 | Principles of Rigging | 2 | |
| MST125 | Basic Pumps | 3 | |
| MST221 | Mechanical Drive Components | <u>3</u> | |
| | | 12 | |

Second Semester

| | | | |
|--------|--|-----------|---------------------------------|
| AIT134 | Preventive and Predictive Maintenance | 3 | MST125 and MST221 |
| MST121 | Blueprint Reading | 2 | |
| MST134 | Hydraulic and Pneumatic Systems [^] | <u>4</u> | MTH022 or MTH023 or Proficiency |
| | | 9 | |
| | TOTAL CREDITS | 21 | |

[^]Based on SSC placement scores