



OKLAHOMA
CareerTech

Badge Details

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| Name | 4599 – Engineering Principles II |
| Description | <p>The second in a sequence of “hands on” courses that tie observations and concepts common to a variety of different engineering disciplines in order to develop a better understanding of basic math and science principles used in engineering. By utilizing problem-solving skills in a laboratory environment, students will develop skills and attitudes that impact and expand occupational opportunities.</p> <p>This is a foundation course in the Engineering pathway.</p> |

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| <p>Criteria</p> | <p><i>Candidates receiving this certification will take an exam with the following criteria:</i></p> <p>The exam is composed of 33 questions.</p> <ol style="list-style-type: none">1. Safety Practices 8%2. Career Opportunities 10%3. Ethics, Communication, Leadership Skills 8%4. Engineering Design 8%5. Electrical Engineering 12%6. Chemical Engineering 18%7. Materials Science 18%8. Mechanical Engineering 16% |
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