



OKLAHOMA
CareerTech

Badge Details

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| Name | 2706 – CAD Mechanical Design I |
| Description | <p>The first in a sequence of courses that prepares individuals to develop technical knowledge and skills required to plan and prepare scale pictorial interpretations and technical documentation of engineering and design concepts. This includes instruction in the use of 2D Computer-Aided Design (CAD) software, sketching, drawing layout, geometric construction, orthographic projection, and dimensioning.</p> <p>*This certification includes items that require the use of CAD software while taking the exam. Please make sure students have access to CAD software when proctoring this exam.</p> |

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| Criteria | <p><i>Candidates receiving this certification will take an exam with the following criteria:</i></p> <p>The exam is composed of 58 questions.</p> <ol style="list-style-type: none">1. Career Opportunities 1%2. Engineering Design Problem 6%3. Document & Communicate 5%4. Mathematics, Measuring Conventions & Scale 20%5. Orthographic Views 21%6. Line Types 15%7. ANSI Y 14.5 Dimensioning 16%8. 2D Computer Software 16% |
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