

## ELWT1106 - Climbing Electrical Structure

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| Credits:           | 4 (0/4/0)  |
| Description:       | This course provides the student with the knowledge and skills to safely climb and frame various electrical structures to heights of 50 feet. Topics include free-hand and safety-strap climbing, and installation and removal of pole line hardware.  |
| Prerequisites:     |  |
| Corequisites:      |  |
| Pre/Corequisites*: |  |
| Competencies:      | <ol style="list-style-type: none"> <li>1. Describe climbing procedure safety awareness.</li> <li>2. Describe climbing equipment safety awareness.</li> <li>3. Demonstrate free hand climbing procedures.</li> <li>4. Demonstrate safety strap climbing procedures.</li> <li>5. Construct single phase structures while on hooks.</li> <li>6. Construct two phase structures while on hooks.</li> <li>7. Construct three phase structures while on hooks.</li> <li>8. Demonstrate conduit crossing ability.</li> <li>9. Perform climbing qualification test.</li> <li>10. Demonstrate professional conduct.</li> <li>11. Demonstrate spiral climbing procedure</li> <li>12. Demonstrate pole inspection procedures</li> </ol> |
| MnTC goal areas:   | None   |

\*Can be taking as a Prerequisite or Corequisite.