

# ELWT1104 - Electrical Structure Installation

Credits:	5 (2/3/0)
Description:	This course provides the student with the introductory knowledge and skills necessary to properly install electrical structures with hand tools and with mechanized structure installation machinery.
Prerequisites:	
Corequisites:	
Pre/Corequisites*:	
Competencies:	<ol style="list-style-type: none"> <li>1. Describe digger derrick and bucket truck safety awareness.</li> <li>2. Describe hand pole set safety awareness.</li> <li>3. Demonstrate bucket truck and digger derrick truck operation</li> <li>4. Demonstrate hand pole set.</li> <li>5. Install pole line anchors.</li> <li>6. Describe and demonstrate line construction layout.</li> <li>7. Demonstrate professional conduct.</li> <li>8. Demonstrate truck barricading and grounding procedures.</li> <li>9. Demonstrate personal protective ground installation.</li> <li>10. Demonstrate proper hot stick operation.</li> <li>11. Operate digger derrick as a crane.</li> <li>12. Demonstrate auger operation procedures.</li> <li>13. Demonstrate pole setting procedures.</li> <li>14. Demonstrate transit operation.</li> <li>15. Demonstrate proper line staking and field set up.</li> </ol>
MnTC goal areas:	None

\*Can be taking as a Prerequisite or Corequisite.