

## 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> <li>Describe digger derrick and bucket truck safety awareness.</li> <li>Describe hand pole set safety awareness.</li> <li>Demonstrate bucket truck and digger derrick truck operation</li> <li>Demonstrate hand pole set.</li> <li>Install pole line anchors.</li> <li>Describe and demonstrate line construction layout.</li> <li>Demonstrate professional conduct.</li> <li>Demonstrate truck barricading and grounding procedures.</li> <li>Demonstrate personal protective ground installation.</li> <li>Demonstrate proper hot stick operation.</li> <li>Operate digger derrick as a crane.</li> <li>Demonstrate auger operation procedures.</li> <li>Demonstrate transit operation.</li> <li>Demonstrate proper line staking and field set up.</li> </ol>
MnTC goal areas:	None

<sup>\*</sup>Can be taking as a Prerequisite or Corequisite.