**MEUA Apprentice Linemen Training Program**

**Topics Covered & Prerequisites**

**Year One:**

Introduction to power delivery; safety; working in elevated positions; knots, splices and rope; electrical systems; first aid; applied mathematics; basic electrical theory; transformer basics; and 29 CFR 1910.269 (Parts A, B, C, G, I, K, N)

**Prerequisite:** It is recommended that students new to the program be pre-qualified through their utility.

All Year One Students are required to complete a special enrollment form online with the Northwest Lineman College, including a "Readiness Assessment".

**Year Two:**

Safety; AC fundamentals; personal protective grounding; live line equipment and methods; rigging; underground conductors; overhead conductors; electrical test equipment; substations; and 29 CFR 1910.269 (Parts H, J, L, M, R)

**Prerequisite:** Year One, or successful completion of the Year One Prequalification Competencies & Exam

**Year Three:**

Safety; special elements; metering; system power flow; advanced transformers; maps and standards; system protection; National Electric Safety Code One and Two; and 29 CFR 1910.269 (Parts E, F, P, Q, T, U, W)

**Prerequisite:** Year Two, or successful completion of the Year One and Year Two Prequalification Competencies & Exams

**Year Four:**

Safety; communication systems; special elements; vegetation management; system operation; system automation; overhead line design; underground line design; trouble investigation; and crew leadership.

**Prerequisite**: Year Three