

Post Secondary/Adult Vocational/Continuing Ed/Workforce Instructor Profile

Desired Background/ Previous Professional Experience

- 2 years' teaching experience (i.e. as a trainer for a utility company or as a college instructor in Energy Industry-related courses)
- Technical knowledge and experience in the Energy Industry

Desired Characteristics/ Abilities

- Ability to cultivate relationships with appropriate local utility industry representatives.
- Ability to mentor students, and to assist them in connecting with people from business and industry.
- Ability to navigate and utilize the internet as a resource.
- Ability to maintain course equipment. Since the lab activities are such a vital part of the contextual learning experience, it is essential that the lab equipment be maintained and remain easily accessible.
- Ability to develop soft skills in students. Instructors will develop or identify, and then implement, activities and rubrics that develop, assess, and continue to encourage the development of soft skills in students.
- Ability to be comfortable being active equal learners alongside students.
- Willingness to follow prescribed curriculum and associated pedagogy.
- Verbal, listening, writing, problem-solving and critical thinking skills.

Secondary Teacher Profile

Desired Background/ Previous Professional Experience

- Appropriate teaching certification (Science certification—Physics or Earth Science preferred; Career and Technical Education certification with preferred experience teaching in fields requiring knowledge of the properties of electrical and mechanical systems, e.g. Electrical Technologies, Engineering Technologies, Construction Technologies, Energy and Natural Resources Technologies, etc.)

Desired Characteristics/ Abilities

- Ability to cultivate relationships with appropriate local utility industry representatives.
- Ability to mentor students, and to assist them in connecting with people from business and industry.
- Ability to navigate and utilize the internet as a resource.
- Ability to maintain course equipment. Since the lab activities are such a vital part of the contextual learning experience, it is essential that the lab equipment be maintained and remain easily accessible.
- Ability to develop soft skills in students. Teachers will develop or identify, and then implement, activities and rubrics that develop, assess, and continue to encourage the development of soft skills in students.
- Ability to be comfortable being active equal learners alongside students.
- Willingness to follow prescribed curriculum and associated pedagogy.
- Verbal, listening, writing, problem-solving and critical thinking skills.