



Essential Qualifications for the Renewable Energy Technology Program

The following technical standards address the physical, cognitive, communication and behavioral abilities essential to this program. Students must meet these technical standards in order to be successful in the program (and in future career opportunities). Students with documented disabilities who wish to request reasonable accommodations under the American with Disabilities Act must follow the college's procedure for requesting accommodations. The college reserves the right to reject requests for accommodations that would fundamentally alter the nature of an educational program, lower the academic standards, cause an undue hardship on the college, or endanger the health or safety of a student with a disability, other students, clinic patients, or any other member of the college community.

The essential skills and abilities for these programs are categorized in the following Technical Standards:

Sensory/Observational Skills

With or without reasonable accommodations a candidate for this program must have sufficient sensory skills in order to determine whether equipment is on or off, and what danger may be present as a result.

Cognitive

With or without reasonable accommodations, a candidate for this program must have sufficient cognitive-intellectual abilities and skills in order to measure, calculate reason, analyze, integrate, and synthesize in the context of renewable energy. The candidate must be able to read and comprehend extensive written material, evaluate and apply information and engage in critical thinking, reason deductively and inductively; identify objects, actions, and events; make decisions and solve problems; and document information.

Communication

With or without reasonable accommodations a candidate must have sufficient spoken, written, and nonverbal communication skills in order to communicate effectively and sensitively with other professionals and the public; express his or her ideas and feelings clearly and demonstrate a willingness and ability to give and receive feedback; convey or exchange information at a level that allows others to understand requests; communicate effectively in oral and written formats; demonstrate skills in active listening, critical thinking, monitoring, social perceptiveness, speaking, negotiation, and persuasion; process and communicate information, including requests for supervision, with accuracy in a timely manner.

Motor Skills

With or without reasonable accommodations a candidate must have sufficient motor skills in order to:



- Execute movements required to complete the various tasks related to employment in the renewable energy industry.
- Reach items overhead, climb buildings or towers that may be several hundred feet tall, stand for 8-12 hours, lift heavy objects and operate a variety of tools and machinery.

Environmental Tolerance

With or without reasonable accommodations a candidate must have sufficient environmental tolerance in order to work in a variety of conditions that could include extreme weather, loud noises, chemicals and toxins, dust, heat and fumes, moving objects, stationary and mobile machinery, slippery or uneven surfaces, variations in lighting, and activities that may cause serious injury and death.