

MISSION

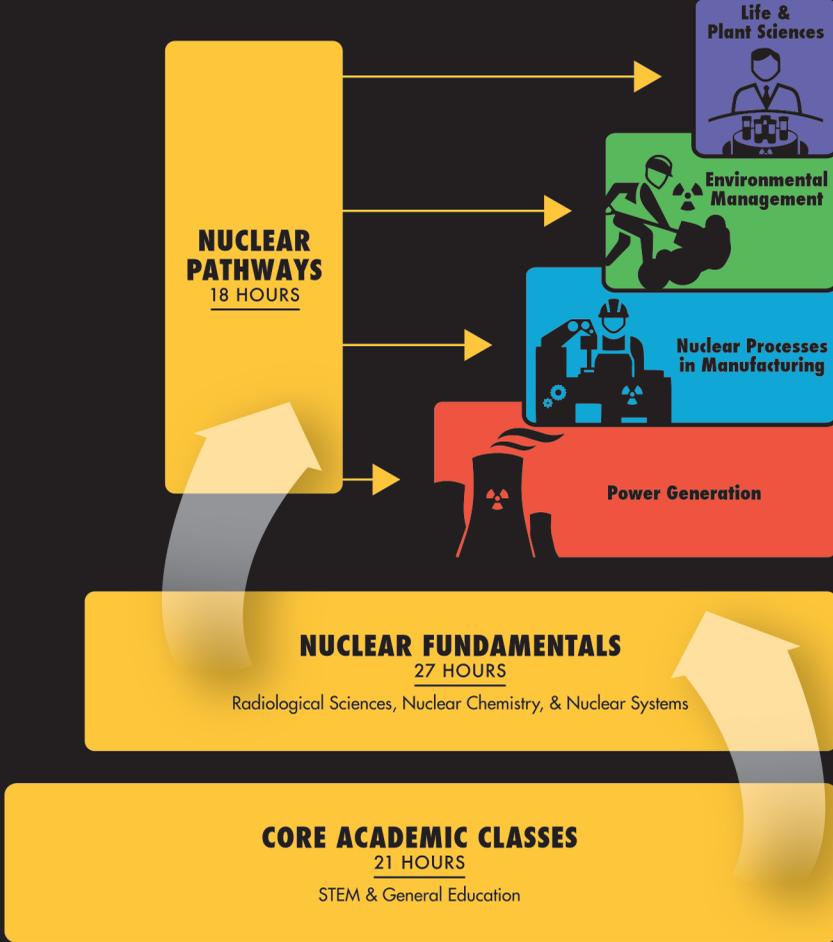
To aid in the development and sustainability of a highly technical and skilled workforce pipeline for the nuclear fields of energy, environmental management, life and plant sciences, and nuclear processes in manufacturing.

GOALS

1. Expand and maintain a learning repository with comprehensive standardized curriculum solutions for energy, environmental management, life & plant sciences, and nuclear processes in manufacturing pathways.
2. Increase academic and career pathways for students and technicians across nuclear STEM fields.
3. Develop, promote, and broaden partnerships between industry and academic institutions to increase articulation, college completion, and career placement.
4. Develop and provide access to best practices in hands-on training, affective domain instruction, and emerging technologies through professional development.
5. Create and disseminate marketing material to increase awareness of nuclear academic programs and careers.
6. Promote and increase the number of under-represented populations in nuclear STEM fields.



NUCLEAR DEGREE PATHWAYS



Resources

- RCNET’s standardized curriculum for nuclear technicians is mapped to national standards to ensure uniform training across the nation.
- Packaged material includes traditional and emerging teaching strategies.
- Curriculum resources are applicable for training technicians from all fields.

Professional Development

- Partners have open access to RCNET’s learning repository.
- Professional development events help faculty integrate emerging technologies in order to increase retention and completion rates.
- Affective domain and soft skill training events help faculty integrate students into nuclear culture and increase placement rates.

Academic Articulations

- Graduates of RCNET partnerships have access to multiple academic and career pathways, including articulation to 4-year degree programs and industry-specialized careers.
- RCNET academic pathways are delivered in both traditional and nontraditional formats, such as face-to-face classes, online classes, or blended class formats.

Academic & Industry Partnerships

- RCNET acts as a conduit between academia and industry to build strong academic programs and a highly skilled nuclear workforce.

