

NYIT Institutional and Program Learning Goal Alignment

Energy Management:

NYIT MISSION	NYIT LEARNING GOALS <i>By the time of graduation, NYIT students will be able, at the appropriate level (baccalaureate, masters or professional) to:</i>	ACADEMIC PROGRAM LEARNING GOALS Graduate Level MS Energy Management
Career Oriented Professional Education	Gain a coherent understanding of the knowledge, skills, and values of their discipline	<ol style="list-style-type: none"> 1. Compare and contrast methods and equipment which are used to reduce energy consumption in buildings. 2. Analyze conventional and alternative energy technologies.
Applications Oriented Research	<p>Integrate academic and co-curricular learning to explore concepts and questions that bridge disciplines, professions, and cultures</p> <p>Formulate evidence-based and ethical courses of action or conclusions to address challenges and problems</p> <p>Engage with, respond to, and reflect on political, social, environmental and economic challenges at local, national, and global levels</p>	<ol style="list-style-type: none"> 3. Evaluate economic and social factors which influence energy policy and management decisions. 5. Explain and argue aspects of current environmental issues.
Access to Opportunity	<p>Achieve proficiency in oral and written communication, scientific and quantitative reasoning, critical analysis, technological competency, and information literacy</p> <p>Develop self-efficacy, professionalism, creativity, and an innovative spirit</p>	<ol style="list-style-type: none"> 4. Complete a multidisciplinary research study in a specific area of energy management. 6. Differentiate and critique specific issues in areas of specialization such as facilities management, equipment assessment, computer applications, power plant systems and environmental law.
Other		