

Wind Energy & Turbine Technology (U.S. Department of Education)

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New Project: \$496,000

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Term: 05/01/05-04/30/06

Established partnerships with wind energy industry leaders support Iowa Lakes Community College ability to respond quickly to evolving needs for an industry-specific trained workforce. Successful transition from the classroom to the dynamic, technology-rich workplace hinges on consistent, competency-based curricula. U.S. Department of Education funds will provide the seed money to allow Iowa Lakes to develop and integrate research-based courses that provide a comprehensive wind energy curriculum leading to an Associate in Applied Science degree. This project will provide the funding necessary to (1) establish state-of-the-art instructional facilities necessary to adequately develop industry core competencies of future wind energy technicians, (2) develop and implement seven courses necessary to expand the current curriculum from a diploma offering to a two-year degree program, and (3) support faculty professional development to ensure a broad perspective reflective of technology utilized by the major industry wind energy providers.