

ESTEC Nuclear Education Scholarship Program

Executive Summary:

Idaho State University's College of Technology is the largest post-secondary technical institution in Idaho. The Energy Systems Technology and Education Center (ESTEC) is located within the College of Technology and offers Associate of Applied Science Degrees in Energy Systems Electrical Engineering Technology, Energy Systems Instrumentation and Controls Engineering Technology, Energy Systems Mechanical Engineering Technology, Energy Systems Wind Engineering Technology, and beginning in Fall 2011, Nuclear Operations Technology. Also, ESTEC has submitted a Notice of Intent to the Idaho Department of Education to offer a Technical Certificate in Renewable Energy with an anticipated start date of Spring 2011.

This project will:

- provide 15 one-year scholarships to students enrolled in ESTEC programs (10 new, 5 continuing students, 8 scholarships will be designated for Nuclear Operations students)
- provide round-trip travel for ten scholarship recipients to participate in a nuclear industry internship opportunity
- provide the opportunity for 1 faculty/staff and 15 scholarship recipients to attend a nuclear industry-related conference
- provide 15% of annual funding for a grant manager/administrator

This project will benefit students and the nuclear industry by:

- providing a high quality educational experience in a secure, high-growth/high demand industry currently experiencing a shortage of trained workers
- providing students internship and work experience in the nuclear industry
- providing students an opportunity to attend an industry-related conference
- providing industry with 15 highly trained employees

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