

FY 2016 Trade School and Community College Scholarship Grant Awards

Institution	Amount	Title
Chattanooga State Technical College	\$84,260	Chattanooga State Community College's Nuclear Scholarship Program
Onondaga Community College	\$149,619	Onondaga NET Scholars Program
Dakota Technical College	\$150,000	DTC Nuclear Energy Technician Scholarship program
College of Southern Maryland	\$105,808	College of Southern Maryland's (CSM) Nuclear Education Scholarship Program
Augusta Technical College	\$150,000	Augusta Technical College Nuclear Engineering Technology Workforce (NETwork) Scholars Program
State Technical College of Missouri	\$150,000	State Technical College of Missouri (STC) Nuclear Education Trade School Scholarships
Columbia Basin College	\$150,000	Columbia Basin College Nuclear Scholarship Program

Chattanooga State Community College's Nuclear Scholarship Program

Executive Summary:

The objective of Chattanooga State Community College's Nuclear Scholarship Program is to provide 10 two-semester scholarships per year over the next two years for full-time students within nuclear related programs of study (AAS Engineering Technology: Nuclear Power Engineering Technology, Radiation Protection, Non-Destructive Testing Technology and Quality Assurance/Quality Control).

Chattanooga State Community College is supporting the Southeast United States' nuclear power industry workforce by increasing the number of highly skilled and highly qualified technicians. This scholarship will become an instrumental tool in the Engineering and Information Technologies Division's recruiting, retaining and educating of nuclear technicians during a time where attrition of the current workforce is prevalent and of high concern.

Principal Investigator: Lisa Miller, Tami.Miller@chattanoogastate.edu

Onondaga Community College Trade School and Community College Scholarship Grant

Executive Summary:

Onondaga Community College (Onondaga) seeks support for its NET Scholars program, a scholarship program designed to recruit and support the success of up to 24 academically talented students enrolled in Onondaga's Nuclear Technology (NET) A.A.S program over the next 2 years. Onondaga launched its NET A.A.S. program three years ago to meet the workforce needs of the nuclear energy industry. The NET Scholars program will help meet unmet financial need among NET students, and scholarship recipients will be supported by an orientation and activities designed to encourage high academic performance, including mentoring, monitoring, academic support, and career preparation activities. The program will leverage a contribution from Nine Mile Point Nuclear Station (NMP) to support scholarships. NET Scholars will benefit from the opportunity to participate in paid summer internships at NMP, and NMP will recruit graduates in accordance with program requirements. Students will benefit from scholarships, engagement activities, and the ability to prepare for rewarding careers in the nuclear industry. The project will play an important role in strengthening the pipeline of individuals qualified to fill anticipated vacancies in the nuclear energy industry.

Principal Investigator: Tab Cox, coxt@sunyocc.edu

DTC Nuclear Energy Technician Scholarship program

Executive Summary:

Dakota County Technical College (DCTC) requests a grant from the Nuclear Regulatory Commission's Trade School and Community College Scholarship program to provide scholarships to 12 students enrolling in the Nuclear Energy Technician program over a two-year grant period.

The primary objective of the Nuclear Energy Technician Scholarship program is to increase the number of students entering the nuclear energy field, specifically students from underrepresented populations including minorities and women. The scholarship program will help to address the great demand for skilled workers in the energy industry due to the increasing age of the current energy workforce.

DCTC's Nuclear Energy Technician program partners with Xcel Energy and St. Cloud Technical and Community College to ensure graduates of the program meet the Nuclear Energy Institute's standards and have acquired the skills and knowledge necessary to obtain entry-level employment in the nuclear energy industry. Program graduates are fully prepared to enter the nuclear power industry as non-licensed operators and maintenance technicians (electrical and mechanical).

Principal Investigator: Mike Opp, mike.opp@dctc.edu

The College of Southern Maryland's (CSM) Nuclear Education Scholarship Program

Executive Summary:

The College of Southern Maryland's (CSM) Nuclear Education Scholarship Program is designed to coalesce partner resources, technical expertise, and diverse initiatives into a regional approach to address local workforce needs in the nuclear energy industry. The two-year grant program will serve up to 15 scholarship recipients beginning fall 2016 in the Nuclear Engineering Technology (NET) associates degree program.

CSM's Nuclear Education Scholarship Program will pursue the following project objectives and benefits:

1. Increase the number of academically talented students who enroll in the Nuclear Engineering Technology program.
2. Increase student retention by enhancing support services to address the unique and social needs of NET students.
3. Increase engagement of the region's employment community in recruiting, retaining and employing NET participants.

Principal Investigator: Robert Gates, robertg@csmd.edu

Augusta Technical College Nuclear Engineering Technology Workforce (NETwork**) Scholars Program**

Executive Summary:

Augusta Technical College requests NRC funding for Trade School and Community College scholarships to recruit and train students for work in a nuclear environment. This two-year program will serve up to 20 students enrolled in the following Associate of Applied Science programs: Nuclear Engineering Technology (5), Mechanical Engineering Technology(1), Industrial Systems Technology(1), Chemical Technology(1), and Electrical and Computer Engineering Technology (Instrumentation and Control Engineering Technology specialization) (5). Additionally, five (5) Welding Joining Technology and two (2) Industrial Mechanical diploma program students will be served. **NETwork** Scholars program participants will benefit from scholarships and the ability to prepare for rewarding careers in the nuclear industry. The objectives of the Augusta Technical College **NETwork** Scholarship program are:

- To recruit and matriculate **20** students through the **NETwork** Scholarship program.
- Provide pre-employment testing workshops and testing opportunities customized for the nuclear industry.
- Award funding for the ISA Certified Control Systems Technician Level I Exam (CCST) national certification examination funding to **5** Electrical and Computer Engineering Technology (Instrumentation and Control Engineering Technology specialization) program students.
- Increase engagement of the service area's nuclear employment community in recruiting, retaining and employing **NETwork** participants.

Principal Investigator: Cicely Harpe, charpe@augustatech.edu

State Technical College of Missouri (STC) Nuclear Education Trade School Scholarships

Executive Summary:

Objective: To attract, train, and place high quality individuals in nuclear careers that are in high demand by making scholarships available to offset the cost of education.

Benefit: Qualified technicians will be produced by this program to fill existing gaps in the workforce.

Principal investigator: Dennis Ruffner, Dennis.ruffner@statetechmo.edu

Columbia Basin College Nuclear Scholarship Program

Executive Summary:

Columbia Basin College (CBC) in partnership with local nuclear industry leaders requests funding to establish an academic merit scholarship program for Nuclear Technology students. Funding will provide approximately 26 scholarships, over two years, for students enrolled in the Nuclear Technology program.

Together with the CBC Nuclear Technology Advisory Committee, CBC has identified the need to increase the number of students, especially from underrepresented groups, pursuing degrees that lead to careers in the operation and regulation of nuclear facilities and the safe handling of nuclear materials. NRC support will be a critical component in recruiting and retaining a diverse and academically-talented cohort of students for entry into the high-demand/high-growth nuclear industry.

Principal Investigator: Janese Thatcher, jthatcher@columbiabasin.edu