The Nanomanufacturing Certificate Program (NCP) helps equip military veterans, as well as transitioning military personnel, with skills in nanotechnology-based manufacturing and new product development—skills companies need to move life-changing nano-scale applications out of the laboratory and into the marketplace.

Nanomanufacturing Certificate Program
Your pathway to advanced technology skills

The Nanomanufacturing Certificate Program (NCP) helps equip military veterans, as well as transitioning military personnel, with skills in nanotechnology-based manufacturing and new product development—skills companies need to move life-changing nano-scale applications out of the laboratory and into the marketplace.

Have a Hand in Creating Your Future

As a NCP student, you will receive the most current, hands-on exposure available in nanofabrication manufacturing and characterization technology. You will learn a new skill set, making you uniquely qualified to work in the cross-disciplinary field of nanotechnology. These skills will also prepare you to obtain the American Society for Testing and Materials (ASTM) International stackable nanotechnology certificates.

The skill set, established by the Nanofabrication Manufacturing Technology National Advisory Council, includes:

- Basic nanotechnology environmental, health, and safety awareness
- Equipment and processing foundation skills
- Patterning
- Fabrication
- Characterization
- Professional skills

Benefits

- Hands-on training with the latest nanomanufacturing and characterization equipment.
- Exclusive access to a powerful job network through receiving industry announcements and job postings.
- Continued Education credits by Tidewater Community College and Nanomanufacturing Certificate issued by Center for Nanotechnology Education and Utilization.
- Preparation to take the ASTM stackable nanotechnology certificates.

Applicants should have a basic understanding of high school physics and chemistry.

“We haven’t tapped into all of the possibilities of what we can use nanomaterials for and we haven’t created all of the possible nanomaterials yet, so there are going to be exciting new companies, exciting new products, and exciting new services … the nanotechnology industry is going to grow and grow.”

Peter Kazarinoff, Portland Community College

Nanomanufacturing Certificate Program
February 14 - May 6

To learn how to pursue this certificate in nanotechnology and for full course descriptions and eligibility requirements, visit cneu.psu.edu/ncp.

FOR MORE INFORMATION:

Anthony Fontes
Coordinator Job Skill Training Program,
Tidewater Community College
afontes@tcc.edu

Susan Barger
Operations Manager, Center for Nanotechnology Education and Utilization, Penn State
dsb24@psu.edu

SkillBridge Approved

DUE-1601450
The Department of Defense and service branches do not endorse any company, sponsor or their products or services.

©2021 The Pennsylvania State University. All Rights Reserved. This publication is available in alternative media on request. Penn State is an equal opportunity, affirmative action employer, and is committed to providing employment opportunities to all qualified applicants without regard to race, color, religion, age, sex, sexual orientation, gender identity, national origin, disability, or protected veteran status. U.Ed. ENG 21-467