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.

**Applications**

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**
August 30 - November 19

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