

# Advanced Manufacturing Summer Institute 2021

**Spend eight weeks learning about and working with advanced manufacturing tools and concepts**



AMERICAN INDIAN  
HIGHER EDUCATION CONSORTIUM

**June 14th — August 6th**

Offered by

**Navajo Technical University**

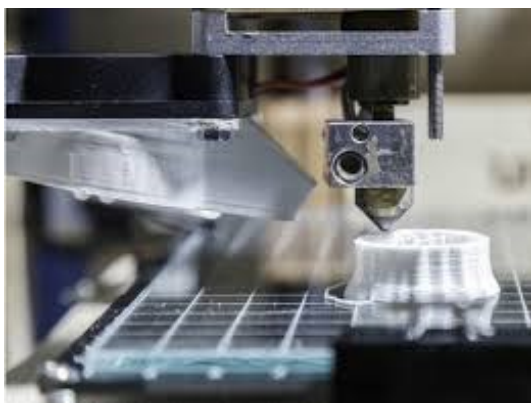
*Applications deadline: April 23, 2021*

AIHEC is recruiting TCU students to participate in the Advanced Manufacturing Summer Institute, hosted by Navajo Technical University. You'll work with a team of TCU students on projects using state-of-the-art design, manufacture and testing equipment and instrumentation.

**Due to likely travel restrictions associated with the coronavirus epidemic, the Institute will be offered in hybrid format: the first 4 weeks will be offered online, the second 4 weeks will be completed either at your TCU or at NTU. You'll be provided a laptop to use for the duration of the Institute. You will receive a \$500/week stipend during the entire 8 week program.**

**Learn both virtually and hands-on about the AM ecosystem :**

- **Additive Manufacturing and Design:** design and construct metal and polymer parts
- **Plastics and composite materials:** learn design and production principles with composite materials
- **Metrology:** inspect and test parts using state of the art analytic instruments
- **Engineering concepts:** learn and apply basic concepts of design using engineering tools and procedures
- **Manufacturing postprocessing:** use a variety of tools to finish parts to meet specifications



[Access the application here.](#)

**Apply Today**

**If you're currently enrolled at a Tribal College and you're**

- **Majoring in a STEM field or have taken at least 2 STEM courses**
- **Interested in developing high-demand technical skills**
- **Willing to challenge yourself**

For more information, contact:

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