

# Pre-Apprenticeship & Digital Fabrication Camp



This camp will focus on manufacturing and digital fabrication. The Industrial Manufacturing Technician (IMT) Pre-Apprenticeship program will be incorporated into the camp experience.

Students will apply their skills from this program using the "Skill Boss," a computer-controlled machine that provides hands-on experiences and real-world applications. Camp participants who complete the Pre-Apprenticeship program and pass an exam will earn an industry recognized credential.

Participants will also receive training in digital fabrication using stationary and mobile Fab Labs. Students will use computer-aided design software to complete a variety of hands-on fabrication projects involving a large CNC router, known as the ShopBot, a vinyl cutter, a laser engraver, electronics work bench, and a 3D printer. Students will also participate in a tour of a manufacturing facility and career readiness presentations as camp activities.

Transportation will be provided to and from the camp each scheduled day. Students will receive a t-shirt for participating in the camp. Daily snacks will be provided. A Student Showcase will take place on the final day of camp in which the participants will share their projects with their families, community agencies, and local businesses.

**REGISTRATION CLOSING APRIL 30TH**



Contact Dr. Kristin J. Szewczyk for more information at [kristin.szewczyk@iu1.org](mailto:kristin.szewczyk@iu1.org).

**NO COST TO ATTEND**

Generously funded by the Westmoreland-Fayette Workforce Investment Board

**REGISTER TODAY AT**

<https://adobe.ly/3bCglBH>

Registration closes April 30th

**GRADES**

9th - 12th Grade

**DATES**

June 15 (Tuesday)

June 16 (Wednesday)

July 13 (Tuesday)

August 10 (Tuesday)

August 11 (Wednesday)

(participants must attend all dates)

**TIME**

8:30am to 3:00pm

**LOCATION**

**IU1 Colonial Campus**

6353 National Pike Road

Grindstone, PA 15442

**PARTNER**



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