Summer Manufacturing Camp Program

Inspiring the next generation of manufacturers, inventors and entrepreneurs
Camps

- Started in 2013
- Way to bring students and their parents onto campus
- Middle school aged children
- Introduce them to manufacturing
  - What do I want to be?
- Provide information on education needed for specific careers and how our college provides it.
- Introduce the concept of entrepreneurship.
- Competitive grant
- Third year, this year
  - Nuts and Bolts camp for 3 years
  - Advanced Camp - first year
1990 - Foundation started by the Fabricators & Manufacturers Association just to provide scholarships

2004 - Challenge – reaching high school seniors was reaching students too late to impact their career intentions and education

A local manufacturing camp started by a group of employers in Rockford, Ill. inspired the idea of a nation-wide manufacturing camp program.

Foundation name change 2007

2004-14

2,685: 140: 34

students: camps: states
Northeast U.S. NBT Camps

- Manchester Community College, Manchester NH
- Southern Maine Community College, Portland, ME
- Springfield Technical Community College, Springfield, MA
- Quinsigamond Community College, Worcester, MA
- Montgomery County Community College, Blue Bell, PA
- Westmoreland County Community College, Youngwood, PA
- Woonasquatucket Valley Community Build/The Steel Yard, Providence, RI
- Ulster Boces, New Paltz, NY
Nuts, Bolts & Thingamajigs @ MCC - 2014

CAD Design To Production

Students experience the manufacturing process and take products home with pride
Plant Tours show real production in action and share career information.
Other camps: Girl’s camp

- Soldering
- Automotive
- Building
- Reverse engineering
- Manufacturing
- Electrical
Camps—this year

1. Nuts and Bolts
2. Advanced Nuts and Bolts
3. Girl’s Camp
4. Robotics
5. Stem
6. Graphic arts
BlackRocket

- Curriculum design for camps
  - Minecraft
  - App builder
  - programming
Summer Manufacturing Camps

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Camp information at:
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Application deadline: end of October

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