Details

The Fab Lab is open for individual use Monday through Friday from 9am to 4pm. You can schedule to work in the lab anytime during the week. Open Lab is offered during the week, off-hours and can include nights & weekends. These lab hours are scheduled weekly and fees vary. Call with questions or to book an appointment.

Specialty work and/or consultation services are available. We also offer one-on-one instruction with our skilled instructors. Pricing varies.

Group & individual tours are free, but must be scheduled.

The Fab Lab can accommodate students ages 14 years and older.

Testimonial

“Access to the tools and community of like-minded individuals at the Fab Lab was essential for the progress I’ve made towards my entrepreneurial goals.”  ~ Peter Lowe

Membership

Join the Fab Lab! As a Fab Lab Member, you will have access to traditional and cutting edge tools, technologies and equipment. A Fab Lab membership is available to members of the community, students and groups. Membership includes access to the lab and machinery during normal business hours, open lab or off hours by appointment. We offer several membership options to suit your specific lab needs.

All memberships are sold on a quarterly basis. If openings are available, the price will be prorated to the next quarter. For more information on membership opportunities, call or email Amy.

- Individual - $100/month
- Family - $150/month  
  (Includes one adult and one child, age 14 years or older)
- Business/Corporation - $300/month  
  (Includes up to four adults from one business/corporation. Proof of employment is required)
- Student - $75/month  
  (Student ID required)

Contact Us

NCC Fab Lab  
511 East Third Street, Room 120  
Bethlehem, Pa 18015  
(610) 332.8665  
fablab@northampton.edu

Visit us on the web:  
www.northampton.edu/fablab

Open access to rapid prototyping and fabrication technologies:  
Woodworking, Luthier,  
Sound Studio,  
Laser Cutting, 3D Printing,  
Plastics, Graphics, CNC, and  
Conventional Metalworking & More!
Processes

The Fab Lab offers access to easy-to-use equipment and expert instruction, as well as open enrollment for non-credit courses. Register for a class or schedule a one-on-one session with one of our instructors.

Tech Lab

- Laser engravers, 3D Printers, Metal Laser Cutter, Solidworks, AutoCAD, Arduino, Fusion 360, CAM, Vinyl Cutter, Graphic Printing, Drone Technology, T-Shirt Printing, UV Printing and Robotics

Audio Lab

- Sound Booth, Home Acoustic Treatment, Music Production, Recording Techniques, Podcasts, Studio Rental

Woodworking Lab

- In addition to common woodworking equipment, the lab offers: Woodturning, CNC Machining with 4th Axis Technology, Hand-Carving, Inlay and Finishing techniques

Metalworking Lab

- Manual and CNC Machining, MasterCAM, G-Code Training, Welding, Plasma Cutter

Plastics Lab

- Resin casting, Extrusion, Injection Molding

Luthier Certification

The Fab Lab Luthier Program combines old-world craftsmanship with modern manufacturing to guide participants through the fine art of building a stringed instrument that is both rich in sound and beauty. Laser engraving, inlay, cutting the neck, exploring exotic woods, tonewood resonance testing and spray booth techniques are all part of the Luthier Program at NCC. Participants are encouraged to dream, innovate and create using the lab’s comprehensive tools and the guidance of master Luthiers.

Years in the making, the Luthier Program has increasingly expanded its program with tooling, lab and classroom space, instruction and technology. That means, you will receive the best, most comprehensive training in the art, science and mechanics of guitar building.

Learn More

Free Luthier Information Sessions are held the first Wednesday of each month from 6:30pm to 8:30pm at the Fab Lab. For more information email fablab@northampton.edu

Entrepreneurship

- Whether you are just starting your entrepreneurial journey or have been in business for years, the Fab Lab offers numerous classes to help you achieve success. Many of our instructors are also Entrepreneurs and can assist with one-on-one instruction.

Team Building Events

The Fab Lab can host your next team building event!

We offer exceptional, custom-crafted team building events, with modules developed to achieve identified goals. Small groups are provided with controlled, project-based experiences that require participants to work together toward a common goal. Each individual finds gratification by contributing to the team effort while working with a partner to produce a tangible product. It boosts confidence and ultimately improves productivity...all while having fun!

We also offer Group Learning Modules for school aged students 14 years or older.

Email fablab@northampton.edu for pricing and availability.