



Welcome to our **OPEN HOUSE**

6:00-8:00 PM

Information sessions
6:00 & 7:00 PM

for prospective students and parents
in our cafeteria

- *TOUR OUR BUILDING
- *LEARN ABOUT EXCITING CAREER OPPORTUNITIES
- *MEET OUR INSTRUCTORS & STAFF
- *TALK TO CURRENT STUDENTS & PARENTS

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OPEN HOUSE

LABORATORY ACTIVITIES AND DEMONSTRATIONS

Automotive Technology, Rooms 402 & 404

- Try your hand at identifying automotive engine parts
- Build automotive electrical circuits
- View the latest in automotive scan tool technology
- See how we remove automotive air conditioning refrigerant from the ac system
- See how we test wheel speed sensors
- Measure brake line pressure

Building Trades Occupations, Room 305

- Students will demonstrate their technical knowledge and skills of the building trades by working on projects
- Visitors can participate in completing a skill task in the lab; safety glasses will be provided
- See tools, equipment, and materials required for the various building trades in construction
- See, touch, and inspect students' work on display in the lab

Collision Repair Technology, Room 403

- Students will be demonstrating painting a car in paint booth
- Students will demonstrate and mentor the visitors while they remove a dent out of a panel
- Students will demonstrate how to measure a car on the new Car-O-Liner frame bench

Commercial Art & Advertising Design, Room 117

- View student portfolios
- Demonstration of Wacom Touch Screen monitor
- Demonstration of Adobe Character Animator

Computerized Drafting & Engineering Graphics, Room 300

- View displays of work highlighting students' designs of projects throughout the classroom
- Student demonstrations of architectural and mechanical drafting using AutoCAD, Sketchup, Solidworks, and Revit software
- Check out students' completed scale models using different types of building materials

Construction Carpentry, Room 304

- Check out some of the projects students construct in the MBIT RCC Program
- Check out the tools used and required for the program
- See live work being completed by the students including framing, siding and roofing
- Talk to students about their experiences in the program
- Meet Mr. Roach learn he program
- Review current salaries being paid locally in the construction trades

Cosmetology, Rooms 102, 103, 104, and 105

- Come tour Salon Extreme, our on-site, student-run salon, where students will perform a variety of salon services
- Try your hand at hairstyling techniques using our mannequins
- Vote for your favorite hairstyle on display in the salon

Culinary Arts & Science, Kitchen

- Come tour Aspirations, our on-site, student-operated restaurant
- Demonstrations on making dough to create a variety of rolls
- Students will be rolling and cutting fresh pasta dough (guests may participate)
- Students will be demonstrating the assembly of pies and tarts
- Cooking using induction heat

Dental Occupations, Room 118

- Tour our fully functioning dental treatment and lab areas
- Take a digital impression on a dental mannequin and alginate
- Mix dental cement and place an orthodontic band
- Test your brushing and flossing IQ with plaque-disclosing solution and homecare instructions
- Try on the personal protection equipment worn in the dental office
- Take a picture with the tooth fairy and collect a toothbrush
- Take a selfie at the dental selfie station and show off some dental swag
- Engage with current students and learn about this growing career field and all the opportunities it offers

Early Childhood Education, Rooms 114, 115 & 116

- Come & explore Li'l Bucks Partners in Learning, MBIT's Childcare Program for children ages 18 months – 5 years old
- See how Science, Technology, Engineering, Art, and Mathematics (STEAM) is taught to young children through projects
 - Guests can "pop" up to our area and enjoy our STEAM activities as they enjoy some popcorn!

Electrical Technology, Room 303

- Come explore our mock-ups and see the inner wiring of each room in your home including: ceiling fans, recessed lighting, under cabinet lighting, electrical panel and more
- View a number of electrical and electronic circuits designed and wired by our students
- Try your hand at conduit bending
- Students will be actively involved in wiring their projects or engaged with our Programmable Logic Controllers (PLC) and will be available to answer your questions
- See the Solar Power Trainer
- Checkout our traffic light and controller complete with a railroad crossing signal
- Play Jeopardy with our student built Jeopardy buzzer board

Engineering Related Technologies, Room 405

- View demonstrations of our Bomb Squad Robot
- Observe our Snap Circuits electric circuit building station
- Demonstration of CNC Router and end products
- Check out our of 3D Printer and end products
- Demonstration of FANUC Robot drawing a “Frog”
- Come see our of Power Wheel Vehicle Driving area
- SolidWorks Demonstration Station

Horticulture Landscape & Design, Room 503

- Come see our Aquaponic and Hydroponic systems and learn about sustainable gardening
- Students will demonstrate stone veneer and masonry techniques as visitors try to install their own piece of stone veneer
- Check out our greenhouse where visitors can transplant their own succulent or herb plant into a new container to take home with them

Plumbing & Heating Technology, Room 302

- Student will demonstrate joining PEX technology joining methods Crimp and Expansion
- Student demonstrations of working plumbing and heating systems
- Demonstration of a Copper Pro Press Joining Method table
- Working Hot water Heating System Oil and Gas
- Working Water Closet Trainer

Medical & Health Professions, Rooms 119 & 120

- Room 119
 - Measure & Record a Manual Blood Pressure
 - Taking a Temperature with an Oral Electronic Thermometer
 - Donning & Doffing PPE
 - Handwashing
 - Identifying X-Rays and Skeletal Bones
- Room 120
 - Simulation Mannequin and listening to heartbeats with a stethoscope
 - Anatomy model exploration and CPR mannequins on display
 - Doylestown Hospital clinical will be discussed with focus on Patient Care Technician
- Displays of health equipment

Multimedia Technology, Room 401

- Visit Multimedia Technology to catch the latest award-winning student videos, digital films and animations.
- In the Mac lab, visitors can interact with students demonstrating:
 - Graphic design and photographic manipulation
 - Video editing and motion graphics
- In our new HD studio, mix music, direct a multicamera production or take a photo.

Networking & Operating Systems Security, Room 113

- Visitors will interact with students to build their own network interface cable
- Learn to identify various computer components
- Observe the 3D Printer as it creates a part using Fusion 360
- Discover what Computer Forensics is all about

Public Safety, Room 307

- Learn about Public Safety careers in Law Enforcement, Emergency Medical Services, Firefighting and Security related fields
- Discover the industry certifications and college credits available for students to earn
- Observe the firefighting, law enforcement, medical, hazardous materials and crime scene skills the students are currently learning.
- Visitors can interact with students demonstrating various field related activities including: traffic stops, handcuffing techniques, simulated medical skills, donning fire gear, hydrant connections and using a fire extinguisher prop

Sports Therapy & Exercise Management, Room 200

- Speak with industry professionals to learn about career opportunities in the field of sports therapy
- Visitors will interact with students to learn how to assess vital signs, including heart rate and blood pressure
- Students demonstrate how electricity controls body movements with a therapeutic modality called electrical stimulation
- Learn diagnosing test, evaluation skills and rehabilitation exercises for treating a typical ankle sprain.
- Understand why concussion evaluation and treatment is so vital and why there has been such a drastic change in protocols over the past few years

Web Design & Interactive Media, Room 407

- Come and visit our Digital Projects Gallery – a collection of our very best work
- View our Photoshop Digital Art Gallery, a sample of our Flash projects, and some of our Web Videos
- Visitors will interact with students through demonstration and discussion to learn about their web-based projects using Dreamweaver, Flash, and Photoshop
- Learn how students work with the World Wide Web, the largest communication tool on the planet!

Welding Technology, Room 406

- Visitors will observe student demonstrations of oxy-fuel cutting, welding, brazing, SMAW, GMAW, GTAW welding and PAC cutting techniques
- Observe student demonstrations using the Plasma Arc cutting table
- Samples of welding projects will be on display
- Students and graduates and Adult Education Instructors will be on hand to answer questions
- AWS “Welding as a Career” and “Women in Welding” videos will be on view in the classroom

MBIT Open House Resources



**View our 2023-2024
Program of Studies**



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a program**



Application



Visit our website



Open House Activities

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