

Annual Report

2021-2022

MBIT
MIDDLE BUCKS
INSTITUTE OF TECHNOLOGY

Preparing Tomorrow's Workforce Today



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Overview



Strategic Highlights

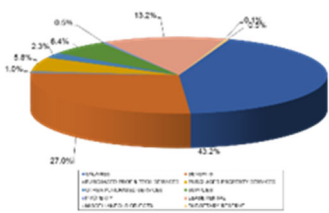
The 2021-2022 school year saw a return to hands-on learning, clinical experiences, internships, and work-based education. The student enrollment continues to grow.

Financial Highlights

The Middle Bucks Institute of Technology's Annual Operating Budget for 2021-2022 was \$12,095,694.

Li'l Bucks Childcare Center posted a profit of \$39,518.37 this school year; partially due to grant funds received.

The Adult Education Program posted a profit of \$9,827.45 in the 2021-2022 school year.



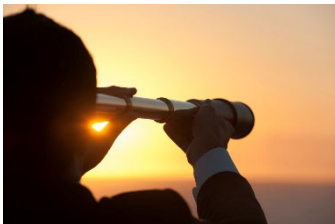
Operating Highlights

Middle Bucks is continuing to implement a 5-year Capital Improvement Plan. The projects currently underway include replacing the remaining sections of the roof, the North Plaza concrete and asphalt and the expansion of the Welding lab.

Looking Ahead

There continues to be a growing interest among students in our community regarding the benefits of a career and technical education. Today's students recognize the opportunities they can receive through hands-on, technical experience. Career and technical education helps students succeed for life by learning technical, academic and employability skills.

Middle Bucks Institute of Technology is poised to welcome close to 1,000 students in the 2022-2023 school year as interest in learning a career or technical trade continues to increase.



Goals and Objectives

Enhance Student Achievement

- Created the 2021 – 2024 PDE Comprehensive Plan.
- Participated in PDE Technical Assistance Program (TAP).
- Conducted NOCTI pre-testing for Level 200/300 students to establish a baseline for skill level gaps as the result of the pandemic.

Provide Professional Development that Supports Classroom Teaching

- Conducted Diversity, Equity & Inclusion training for all staff.
- Collaborated with MAX Teaching to conduct a historical analysis of NOCTI scores to improve test outcomes.
- Provided support and mentoring to the new teachers.

Establish a system that fully ensures students academically at risk are supported

- Implemented Guides4Learning LMS to track mastery and accommodations as required by Perkins V.
- Coordinated a school-wide presentation called End the Silence through NAMI that addresses mental health.

Successful Student Recruitment

- Implemented a Marketing Plan that offered both in-person and virtual events to promote career & technical programs.
- Conducted virtual Career Exploration tour with 6th graders in all four school districts.

MIDDLE BUCKS
2021-2022
EXECUTIVE
COUNCIL MEMBERS

CENTRAL BUCKS
SCHOOL DISTRICT

DANA HUNTER

LISA SCISCIO

LEIGH VLASBLOM

CENTENNIAL SCHOOL
DISTRICT

MARY ALICE BRANCATO

FLEMMING GODIKSEN
(Chairperson)

MICHAEL LYDON

COUNCIL ROCK
SCHOOL DISTRICT

BOB HICKEY

KRISTIN MARCELL
(Vice-Chairperson)

NEW HOPE SOLEBURY
SCHOOL DISTRICT

MONTU PATEL
(Secretary)



Enhance School Security in accordance with PDE Safe Schools' Guidelines

- Implemented a Threat Assessment Team to assess and intervene with students whose behavior may indicate a threat to safety.
- Created and implemented the MBIT Health & Safety Plan.
- Installed additional security cameras to the exterior of the school building.

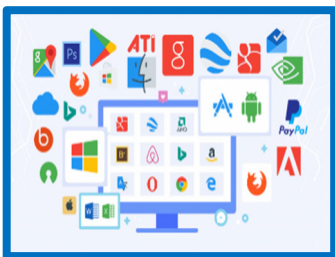
Develop a Plan to Improve School Operations

- Completed the school's fixed asset inventory.
- Completed identified building renovations:
 - Completed replacement of roof sections J & M
 - Renovated Aspirations, our student operated restaurant
 - Installed tile backsplash and cabinetry in Cosmetology labs
 - Replace North Plaza concrete (in progress)
 - Replace culinary walk-in refrigerator & freezer (in progress)



Explore, identify and select the infrastructure and software to implement and support facilities and school initiatives

- Improved the overall security footprint by updating servers and implementing vulnerability scanning.
- Increased spam awareness through implementation of Microsoft 365 Defender software.
- Consolidated servers using an on premise environment.
- Continued implementing the MBIT Technology Plan by increasing laptop access for each program as a means of increasing mobility in the classroom.





- The **Pennsylvania 2022 SkillsUSA State Competitions** were held in Hershey, Pennsylvania in April. Middle Bucks had 24 competitors participating who earned a total of 15 medals: 3 gold medal winners, 6 silver medal winner and 6 bronze medal winners. The gold medal winners advanced to the National SkillsUSA Leadership and Skills Conference in Atlanta, Georgia in June 2022.



- The Middle Bucks Chapter of the **National Technical Honor Society (NTHS)** inducted fourteen new student members in April. The mission of the NTHS is to honor student achievement and leadership in career and technical education, promote educational excellence, award scholarships, and enhance career opportunities for the NTHS membership.

- The Middle Bucks **Philanthropy Today Club** students renovated the Bucks County District Attorney's Office, Victim's Waiting Room and awarded local community organizations multiple grants to improve the quality of life in Bucks County. The total donations for these projects exceeded \$20,000. The students and their advisor, Mrs. Pamela Swoyer, met with the Lenape Valley Foundation, NAMI, Fiaria Project, Buck for Kids, and the RJ Leonard Foundation. The students interviewed each organization as part of their selection process. The MBIT Philanthropy Today Club's mission is focused on improving the mental health of community members and supporting organizations that positively influence at risk youth within Bucks County.



- Middle Bucks hosted a **Summer Career Exploration Program** for 255 students entering 7th, 8th, 9th, or 10th grade during the week of July 11. The students were invited to register for eight courses offered during the week-long program including automotive repair, baking, building trades, digital animation, drafting & design, firefighting, medical professions and web design.



- The Middle Bucks **Commercial Art and Advertising Design** students were asked by District Attorney Weintraub to create an emblem for the Veteran Division Program's mentor polo shirts. The design by Dylan Dunham will be used as the logo for the mentor's polo shirts.

- Middle Bucks' Multimedia Technology teacher, **Mr. James Davey**, was the recipient of the PA-ACTE Teacher of the Year award that recognizes inspirational leaders that embody the core values of the Association for Career and Technical Education through contributions to student success, innovations in teaching, and leadership in the local or greater CTE community.



Work-Based Education Report



Work-Based Educational Experiences

Middle Bucks works in cooperation with local business and industry to provide employment opportunities including apprenticeships, internships, clinical experiences, and job shadowing.

- 91 students held cooperative education jobs
- 46 students participated in non-paid internships or clinical
- 73 employers sponsored students through various work-based experiences
- 70 students were hired to fill jobs in our community



Post-Secondary Plans

Middle Bucks surveyed 274 seniors about their experience at MBIT and their post-secondary plans.

- 85% plan to continue in their related program of study
- 61% plan to continue on to college
 - 46% Bucks County Community College
 - 6% Penn College of Technology
- 37% plan to enter the workforce
- 2% plan to join the military



Industry Certifications Earned

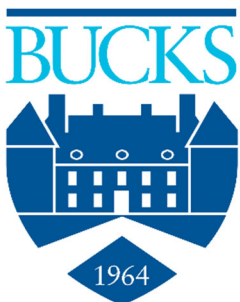
Middle Bucks provides students the opportunity to complete nationally recognized industry credentials or certifications.

- 1,150 Industry certifications earned by students

Bucks County Community College

Bucks County Community College (BCCC) offers juniors and seniors the opportunity to earn college credit while still in high school through two 15-week courses through Middle Bucks Institute of Technology.

- MGMT 100 – Introduction to Business (3 credits)
- MGMT 110 – Introduction to Small Business (3 credits)
- 12 students enrolled in the class
- BCCC paid 50% of the tuition; MBIT 25% and the student paid 25%



Secondary Data



Enrollment Trends

- 907 students
- 6.2% increase in enrollment over previous school year

Enrollment by District

- 261 Centennial SD
- 468 Central Bucks SD
- 147 Council Rock SD
- 23 New Hope-Solebury SD



Attendance Rates by District

- 87.77% Centennial SD
- 87.03% Central Bucks SD
- 88.84% Council Rock SD
- 86.58% New Hope-Solebury SD



District Draw – Percentage of 10th through 12th population

- 18.4% Centennial SD
- 10.1% Central Bucks SD
- 5.3% Council Rock SD
- 6.4% New Hope-Solebury SD

Special Education - by District

- 41.8% Centennial SD
- 44.2% Central Bucks SD
- 46.9% Council Rock SD
- 34.8% New Hope-Solebury SD



Adult Education Report



Middle Bucks has been providing technical education to meet the needs of adults for over 40 years through Adult Evening Classes, Adult Day Programs, Online Courses and Customized Industry Training for Employers.



Adult Evening Classes

- 101 adults enrolled in the Fall 2021 semester
- 160 adults enrolled in the Spring 2022 semester
- 261 total enrollment
- 51 adult students had their tuition paid by their employer



Adult Day Program

- 4 adults attended classes with our high school students during the day



Online Courses

- 15 students enrolled in Ed2Go online courses and 1 student enrolled in ConstructionClasses.com which provides high quality, interactive online construction education courses to construction students who want to advance their career.



Customized Industry Training

- Customized Industry Training in Welding Technology was conducted for 5 employees at Watson-Marlow Inc. in Pipersville, PA.

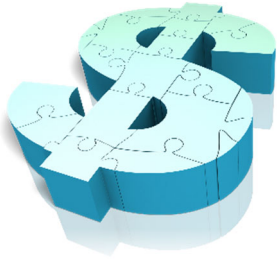
Veterans Program - There were no Veteran inquiries this school year

Adult Education Evening Courses

- Auto Body Repair & Painting
- Carpentry – Basic Residential
- Cosmetology – Eyelash Extensions
- Dental Oral Radiology
- Electrical – Basic Residential
- Emissions Certification
- NATE Testing
- Plumbing – Basic Residential
- Safety Inspection Mechanic Training
- Small Engine Repair
- Welding



Finance



An important part of the operations of Middle Bucks Institute of Technology is the development of the annual General Fund Budget. The Middle Bucks General Fund Budget is designed to reflect the Executive Council's objectives for the education of the students of our school. It is organized and planned to ensure adequate understanding of the financial needs associated with program support and development. The 2021-2022 GF budget of **\$12,095,694** provides funding to support all school operations, including ongoing studies of the educational program, estimated annual cost of implementing said program, long range planning for the annual maintenance and replacement of facilities and equipment, salaries, retirement, health insurance, contractual and other statutory benefits, professional and property services, supplies and lease rental.

Grants

ESSER Funds

Elementary and Secondary
School Emergency Relief

ARP ESSER Grant in the amount of **\$409,859** was used to modify the Health Suite and Dental Lab, replace our ADA ramp, hire a full-time Special Education teacher, a part-time EMT Instructor and temporary School Counselor, and upgrade technology.

ARPA Child Care Stabilization Grant in the amount of **\$ \$111,480.00** was used to install a rubber pour in place playground surface, provide financial relief to families to offset their childcare tuition, and support overtime pay/ retention bonuses to Li'l Bucks staff.

CRRSA Child Care Provider Grant in the amount of **\$48,600** was used to purchase new carpeting and tile for the Toddler and Preschool Classrooms, purchase storage cabinets, new learning materials, and offset overtime costs.

PDE Competitive Equipment Grant in the amount of **\$46,556** was used to purchase to Autoclaves, a steam sterilizer and Heron Scanner 3D Imager for the Dental Occupations program and clamp tire changers, Elite Tire Balancer, and two Autel MaxiSys Wireless VCI scanning tools for the Automotive Technology program.

PDE Supplemental Equipment Grant in the amount of **\$68,304** was used to purchase a Car-O-Liner Bench Rack Collision Frame Straightener for the Collision Repair program.

