



2013 – 2014

School Assessment Report

August 11, 2014

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OVERVIEW

The assessment system utilized by Middle Bucks Institute of Technology is designed to determine the degree to which students are achieving academic and occupational competency. In addition, it is designed to measure other performance indicators including enrollment, attendance, placement, and student perception.

The assessment is used to improve curriculum, instruction and other variables impacting student achievement. The assessment system uses a variety of assessment strategies including standardized achievement testing, industry certification, surveys and student accounting data.

Specifically, the assessment system includes measurement of the following performance variables:

PERFORMANCE VARIABLE	MEASUREMENT
1. Student Enrollment - Secondary	October 1 – Enrollment Report
2. Student Enrollment – Adult	End-of-Year Report
3. Student Attendance	Average Daily Membership Records
4. Student Occupational Achievement	NOCTI - Industry Certification Report
6. Student Placement	Senior Survey
7. Student Perception	Student Climate Survey

The assessment system has been developed and will be modified as required to comply with federal and state regulations and local planning mandates.

Section 1 – Secondary Enrollment

Date	Enrollment Number Trend	Percentage Change
October 1, 2013	835	1.4%
October 1, 2012	824	2.9%
October 1, 2011	801	5.4%
October 1, 2010	760	-12.9%
October 1, 2009	813	-7.3%
October 1, 2008	877	-2.9%
October 1, 2007	903	-2.8%
October 1, 2006	929	4.6%
October 1, 2005	888	0.0%
October 1, 2004	888	-2.3%
October 1, 2003	909	4.6%
October 1, 2002	869	1.4%
October 1, 2001	857	2.9%

Includes BCIU program and Adult Students

Secondary Enrollment – By District

District	MBIT Totals	%	General Population (gr. 10-12)	% Draw
TOTAL	793	100.0%	9837	8.1%
Central Bucks	446	56.2%	5,050	8.8%
Centennial	210	26.5%	1,439	14.6%
Council Rock	123	15.5%	2,995	4.1%
Neshaminy	1	N/A	N/A	N/A
New Hope- Solebury	13	1.6%	352	3.7%

Data does not include BCIU program and Adult Students

Secondary Enrollment – Special Needs Population

	MBIT Totals	Special Needs IEP / Disadvantaged	% Sp. Needs (per District)
TOTAL	793	370	46.7%
Central Bucks	446	208	46.6%
Centennial	210	86	41.0%
Council Rock	123	65	52.8%
New Hope- Solebury	13	10	76.9%

Data does not include BCIU program and Adult Students

Secondary Enrollment – Withdraw Report by Level

Withdraw By Level	
Level	Number Withdrawn
TOTAL	81
100	43
200	23
300	15

Secondary Enrollment - Withdraw Rate – Historical

Year	2013-14	2012-13	2011-12	2010-11	2009-10	2008-09	2007-08
TOTAL	81	78	81	82	73	87	90

Secondary Enrollment – Withdraw Report by Reason

Reason	Number Withdrawn
TOTAL	81
Academic	17
Alternative Placement	5
Attendance	2
Behavior Issue	1
Change in Career Plans	16
Completed Program of Study	12
Cyber/ Charter School	2
Dissatisfied with Program	0
Expelled from Sending School	0
Facility	6
GED	0
Graduated	3
Moved Out of District	8
Quit School	0
Returned to Sending School	9

Section 2: Occupational Achievement Scores – NOCTI

Year	Tests			Competency Awarded		PA Skills Certificate Awarded		Composite Comp/Adv	
	Administered	Completed	Rate	Number	Rate	Number	Rate	Number	Rate
2014	216	216	100%	42	19%	156	72%	198	92%
2013	221	221	100%	34	15%	162	74%	196	89%
2012	188	188	100%	45	24%	130	69%	175	93%
2011	214	212	99%	44	21%	131	62%	175	83%
2010	217	217	100%	31	14%	118	54%	149	69%
2009	213	206	97%	36	17%	98	46%	134	63%
2008	140	128	91%	16	11%	56	40%	72	51%
2007	125	120	96%	N/A	N/A	51	41%	N/A	N/A
2006	153	150	98%	N/A	N/A	82	54%	N/A	N/A
2005	125	109	87%	N/A	N/A	85	68%	N/A	N/A
2004	158	149	94%	N/A	N/A	83	52%	N/A	N/A
2003	142	138	97%	N/A	N/A	75	54%	N/A	N/A

Section 3: Industry Certifications - Historical

Year	Industry Certifications Earned
2013-14	1544
2012-13	1207
2011-12	1077
2010-11	1119
2009-10	954
2008-09	1000
2007-08	721
2006-07	617
2005-06	509
2004-05	691

Section 4: Attendance Data

School District	13-14
Average Daily Membership	89.11%
Central Bucks	89.70%
Centennial	86.69%
Council Rock	88.55%
New Hope-Solebury	87.13%

Section 5: MBIT Draw from Total District Population – Historical

School District	2013-14	2012-13	2011-12	2010-11	2009-10	2008-09	2007-08
Central Bucks	8.8%	9.6%	8.0%	7.9%	8.5%	8.4%	9.8%
Centennial	14.6%	14.4%	14.4%	12.4%	13.6%	14.9%	14.9%
Council Rock	4.1%	4.1%	3.7%	4.1%	4.5%	4.4%	4.5%
New Hope Solebury	3.7%	5.3%	5.4%	4.2%	7.9%	6.0%	6.2%

Note: Total population represents 10th – 12th grades

Section 6: Placement Data

Students in Work-Based Experiences	
Cooperative Education Placements	79
Paid Internships	24
Participating Employers	71
Employment Opportunities filled by MBIT Students	96

Post Secondary Plans
68% - Post-secondary education (2 or 4 year program)
<ul style="list-style-type: none"> ○ 77% - Plan to study a college program related to MBIT training (+18%) ○ 40% - Bucks County Community College (-25%) ○ 9% - Penn College of Technology
24% - Full-time Employment
49% - Part-time Employment
4% - Military

Section 7: Adult and Industry Education Enrollment

Adult Evening School Enrollment History 2008-2014			
School Year	Fall Enrollment	Spring Enrollment	School Year Total
2013-14	345	349	678
2012-13	275	276	551
2011-12	346	335	681
2010-11	232	314	546
2009-10	274	321	595
2008-09	257	284	541

Adult Day School Enrollment History 2008-2014	
School Year	School Year Total
2013-14	13
2012-13	10
2011-12	17
2010-11	14
2009-10	28
2008-09	28

Industry Education Report 2013-2014

Course	Company	Enrollment
TOTAL INDUSTRY TRAINING		166 STUDENTS
Emissions Re-Certification	Anzor's Auto Repair	1
	B & C Service	4
	B Back Car Care	1
	Barry Luff Auto	1
	Bill Marsh Ford	4
	Bob's Auto Repair	2
	Bob's Village Auto	1
	Burns Auto Repairs	1
	Chapman Chrysler Jeep	1
	Coastal Radiator	3
	Coffman's Service Cntr	3
	D & J Automotive	2
	Dick & Rip's Truck Service	1
	Faulkner Cadillac	3
	Fred Beans Ford	4
	G & L Automotive	1
	Goodwrench Auto	1
	J & J Auto & Truck Repair	3
	John Kennedy Ford	1
	Johnny's Auto Center	1
	K & F Tire Service	1
	Keenan Motors	10
	Lafferty Chevrolet	1
	McCafferty Auto Group	9
	McGlynns Automotive	1
	Meineke Car Care	1
	Melrose Service Center	1
	Melson's Service Center	2
	Midas Muffler	2
	Mike Wass Auto Center	1
	Monroe Muffler & Brake Serv.	1
	Montgomeryville Nissan	1
	New Hope Lukoil	2
	O'Neil Buick GMC	4
	Pep Boys	1
	Peruzzi Toyota	1
	Pontarellis's Auto	3
	R & R Service Group	5
	RapCo	1
	Rissi's Service Center	3
	Tim's Auto & Equipment Repair	2
	Tom's Auto	1
	Vanderlely Auto	1
	Warminster Auto Center	2
	Wrightstown Auto	2

Course	Company	Enrollment
Emissions Certification	McCafferty Ford	1
	Midas Muffler	1
	Pep Boys	2
	Thompson Lexus	1
Safety Inspection	Keenan Motors	11
	McCafferty Ford	4
	PennDOT	1
	Pep Boys	11
	ARE Trailer	1
	Midas	1
	Kershaw & Fritz Tire	1
	Thompson Lexus	1
	Doylestown Sunoco	1
	Street Visions	1
SolidWorks	NASC	1
	QLA	1
	J.A. Emilius & Sons	3
PLC	Gemini Baking	2
Inter Precision Machining	Kruse Tool & Die	1
Technical Math	Dynamic Concepts Mfg	2
Intermediate CNC	Cobham	2
NATE Testing	J.A. Smith	2
Weatherization Heating	U S Department of Labor Grant	8
Excel	Tri County Eye Physician & Surgery	1
Welding	R & R	1
	Princeton Cryotech	2
	Specialty Metalworks	4

Section 8: School Climate (Student Perception)

Curriculum and Instruction

95% - Instruction was well planned with a balance of theory and lab experiences +3%

94% - Lessons were challenging and kept students' interest

97% - Students felt encouraged by staff to do their best and got help when needed +2%

90% - Homework was assigned on a regular basis

94% – Learned a lot and enjoyed their Program of Study at MBIT

School Climate

94% - MBIT students feel safe at MBIT

80% - MBIT students are friendly and respect one another +6%

Safety

97% - Classroom and Labs provide a safe and clean environment

91% - School rules are enforced to ensure a safe and positive environment

90% - Efforts are made to reduce or eliminate discrimination, harassment and other negative behaviors +3%

99% - Safety was emphasized in the classroom and lab

Drug and Alcohol Use

16% - Have used illegal drugs or prescription medication not prescribed to them +2%

25% - Have consumed alcohol +3%

8% - Have been under the influence of an illegal drug or alcohol while at MBIT +3%

14% - Have witnessed drugs being sold or distributed at MBIT +2%

11% - Have direct knowledge of a students bringing a weapon to school

Recruitment – How Do Students Hear About Middle Bucks?

53% - Friends -2%

47% - Open House

36% - Sending School Guidance Counselor (Middle School)

29% - Presentation by MBIT Staff -3%

29% - Sending School Guidance Counselor (High School)

19% - Siblings

10% - Mailings

4% - Social Media

Section 9: School Climate (Staff Perception)

School Administration

- 82% - Administration effectively communicates goals and objectives -12%
- 82% - Administration responds appropriately to concerns brought to their attention -6%
- 82% - Staff feel well informed about what is expected from their job performance -5%
- 87% - Staff feel they receive training necessary to do a quality job
- 67% - Students are disciplined effectively +13%

Guidance

- 94% - Guidance Counselor is available to meet students as requested +31%
- 87% - Special Needs Coordinators are available to meet student as requested

Operations

- 97% - Payroll issues & purchase order requests are addressed efficiently -2%
- 100% - Secretarial staff are professional and efficient
- 100% - IT Department responds efficiently to requests
- 89% - Maintenance Department responds efficiently to requests -7%
- 89% - Building is kept clean +2%
- 93% - School grounds are well maintained -3%
- 95% - First Aid is handled efficiently
- 55% - ISO is an effective tool +3%
- 89% - Marketing strategies are effective and promote the growth of our programs +22%
- 95% - Overall satisfaction with the services MBIT offers to the students

Safety

- 93% - Safety committee is proactive in dealing with security issues -7%

Section 10: Summary

Strengths:

- Secondary enrollment increased 9.7% over the past 3 years
- NOCTI Scores 92% Proficient or Advanced
 - 100% of students scored Advanced or Proficient in the written portion of the exam
 - 72% of students scored Advanced overall
 - 19% of students scored Proficient overall
 - 9 programs scored 100% Advanced in the NOCTI
- Students earned a total of 1544 industry recognized certifications during the 2013-14 school year
- Students responded positively to school climate, quality of instruction and safety
- Students cited friends (53%) and Open House (47%) as primary recruitment sources
- 77% of students plan to study a college program related to their MBIT training; +18%
- 94% of staff feel the Guidance Counselor is available to meet with students; +31%
- 89% of staff feel marketing strategies are effective; +22%
- Adult Education earned a profit of \$21,384 during the 2013-14 school year

Opportunities for Improvement:

- Continue to support student discipline practices to foster a safe, supportive and productive learning environment.
- Administration will explore avenues to effectively communicate with staff and respond to concerns brought their attention.