



**2014 – 2015**

**School Assessment Report**

**August 10, 2015**

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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:

<b>PERFORMANCE VARIABLE</b>	<b>MEASUREMENT</b>
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
<b>October 1, 2014</b>	<b>803</b>	<b>-3.8%</b>
October 1, 2013	835	1.3%
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
<b>TOTAL</b>	<b>775</b>	<b>100.0%</b>	<b>9551</b>	<b>8.1%</b>
Central Bucks	421	54.3%	4,945	8.5%
Centennial	198	25.5%	1,347	14.7%
Council Rock	133	17.2%	2,871	4.6%
Neshaminy	2	N/A	N/A	N/A
New Hope-Solebury	21	2.7%	386	5.4%

Data does not include BCIU program and Adult Students

## Secondary Enrollment – Special Needs Population

	<b>MBIT Totals</b>	<b>Special Needs IEP / Disadvantaged</b>	<b>% Sp. Needs (per District)</b>
<b>TOTAL</b>	<b>775</b>	<b>350</b>	<b>45.2%</b>
Central Bucks	421	185	43.9%
Centennial	198	78	39.4%
Council Rock	133	74	55.6%
New Hope- Solebury	21	11	52.4%

Data does not include BCIU program and Adult Students

## Secondary Enrollment – Withdraw Report by Level

<b>Withdraw By Level</b>	
<b>Level</b>	<b>Number Withdrawn</b>
<b>TOTAL</b>	<b>84</b>
100	46
200	27
300	11

## Secondary Enrollment - Withdraw Rate – Historical

<b>Year</b>	<b>2014-15</b>	2013-14	2012-13	2011-12	2010-11	2009-10	2008-09
<b>TOTAL</b>	<b>84</b>	81	78	81	82	73	87

## Secondary Enrollment – Withdraw Report by Reason

Reason	Number Withdrawn
<b>TOTAL</b>	<b>84</b>
Academic	2
Alternative Placement	6
Attendance	1
Change in Career Plans	15
Completed Program of Study	3
Cyber/Charter School	7
Dropped Out of School	3
Graduated/GED	5
IEP Team Decision	5
Moved Out of District	17
Returned to Sending School	20



## 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
<b>2015</b>	<b>208</b>	<b>208</b>	<b>100%</b>	<b>34</b>	<b>16%</b>	<b>152</b>	<b>73%</b>	<b>186</b>	<b>90%</b>
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

<b>Year</b>	<b>Industry Certifications Earned</b>
<b>2014-15</b>	<b>1730</b>
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

<b>School District</b>	<b>14-15</b>
<b>Average Daily Membership</b>	<b>87.29%</b>
Central Bucks	89.30%
Centennial	86.59%
Council Rock	87.29%
New Hope-Solebury	85.99%

**PDE Benchmark = 90% ADM**

## Section 5: MBIT Draw from Total District Population – Historical

School District	2014-15	2013-14	2012-13	2011-12	2010-11	2009-10	2008-09
Central Bucks	8.5%	8.8%	9.6%	8.0%	7.9%	8.5%	8.4%
Centennial	14.7%	14.6%	14.4%	14.4%	12.4%	13.6%	14.9%
Council Rock	4.6%	4.1%	4.1%	3.7%	4.1%	4.5%	4.4%
New Hope Solebury	5.4%	3.7%	5.3%	5.4%	4.2%	7.9%	6.0%

Note: Total population represents 10<sup>th</sup> – 12<sup>th</sup> grades

### Section 6: Placement Data

<b>Students in Work-Based Experiences</b>	
Cooperative Education Placements	76
Non-Paid Internships	44
Participating Employers	70
Employment Opportunities filled by MBIT Students	85

<b>Post Secondary Plans</b>
63% - Post-secondary education (2 or 4 year program) (-4%)
<ul style="list-style-type: none"> <li>○ 74% - Plan to study a college program related to MBIT training (-3%)</li> <li>○ 41% - Bucks County Community College</li> <li>○ 8% - Penn College of Technology</li> <li>○ 4% - Temple University</li> </ul>
33% - Full-time employment (9%)
4% - Military

## Section 7: Adult and Industry Education Enrollment

<b>Adult Evening School Enrollment History 2008-2015</b>			
School Year	Fall Enrollment	Spring Enrollment	School Year Total
<b>2014-15</b>	<b>306</b>	<b>254</b>	<b>560</b>
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

<b>Adult Day School Enrollment History 2008-2015</b>	
School Year	School Year Total
<b>2014-15</b>	<b>8</b>
2013-14	13
2012-13	10
2011-12	17
2010-11	14
2009-10	28
2008-09	28

## Industry Education Report 2014-2015

Course	Company	Enrollment
<b>TOTAL INDUSTRY TRAINING</b>		<b>93 STUDENTS</b>
<b>Emissions Re-Certification &amp; PA Safety Inspection</b>	B & C Service	4
	Bill Marsh Ford	3
	Bill Moss Auto	4
	Cunningham Auto Repair	1
	Fred Beans Doylestown	15
	Gredone's Towing Service	2
	J & J Auto Repairs	4
	Keenan Dealerships	8
	Kerrigan Auto	2
	Keystone Motors	2
	Lafferty Chevrolet	4
	Morgan's Auto Repair	1
	Neary Automotive	2
	New Hope Mobil	1
	Pep Boys	1
	Peter Benz Landscaping	3
	O'Neill Buick GMC	4
	STS Tire & Auto	5
	Super Tom's Auto	5
	Thompson Toyota	10
<b>CNC Machining</b>	FBF Industries	2
<b>Advanced Excel</b>	POLONIA Bank	9
	National Penn Bank	3
<b>Dental Assisting</b>	Bureau Workforce Dev. (L&I)	1

## **Section 8: School Climate (Student Perception)**

### **Curriculum and Instruction**

94% - Instruction was well planned with a balance of theory and lab experiences

93% - Lessons were challenging and kept students' interest

96% - Students felt encouraged by staff to do their best and got help when needed

86% - Homework was assigned on a regular basis -4%

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

### **School Climate**

94% - MBIT students feel safe at MBIT

82% - MBIT students are friendly and respect one another +2%

### **Safety**

96% - Classroom and labs provide a safe and clean environment

96% - 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

96% - Safety was emphasized in the classroom and lab



## **Drug and Alcohol Use**

17% - Have used illegal drugs or prescription medication not prescribed to them

26% - Have consumed alcohol

6% - Have been under the influence of an illegal drug or alcohol while at MBIT -2%

10% - Have witnessed drugs being sold or distributed at MBIT -4%

10% - 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**

85% - Administration effectively communicates goals and objectives +3%

79% - Administration responds appropriately to concerns brought to their attention -4%

87% - Staff feel they receive training necessary to do a quality job

65% - Students are disciplined effectively -2%

### **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

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**

95% - Safety committee is proactive in dealing with security issues +2%

## Section 10: Summary

### Strengths:

- NOCTI Scores 90% Proficient or Advanced
  - 99% of students scored Advanced or Proficient in the written portion of the exam
  - 73% of students scored Advanced overall
  - 16% of students scored Proficient overall
  - 7 programs scored 100% Advanced in the NOCTI
- Students earned a total of 1730 industry recognized certifications during the 2014-15 school year
- Students responded positively to school climate, quality of instruction and safety
- Students cited friends (49%) and Open House (47%) as primary recruitment sources
- 74% of students plan to study a college program related to their MBIT training +18%
- 89% of staff feel marketing strategies are effective
- Adult Education earned a profit of \$12,092.00 during the 2014-15 school year

### Opportunities for Improvement:

- Enrollment declined 3.8% over previous school year
- Improve student attendance - Average Daily Membership rate
- Administration will explore avenues to respond to concerns brought to their attention by staff
- Continue to support student discipline practices to foster a safe, supportive and productive learning environment