

## Assessment, Improvement, Measurement (AIM) Report: 03/12/2015

**Reporting Years:** 2011-2016

**Program:** Automotive Technology

**Coordinator(s):** Steven Johnson, Karman Wheeler

### Program Quality and Student Success

**External awards or other recognitions of students, faculty, and/or program.**

	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
Students					
Faculty					
Program (include accreditation if applicable)			Programs NATEF mid cycle review was submitted and approved.		

**Average actual time and credits to degree completion.**

	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
General Education Credit Hours					
Technical Credit Hours					
Total Credit Hours					
Number of Graduates					
Average Actual Time to Degree					
Average Actual Credits to Degree					

**Employer and student satisfaction.**

	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
Employer Satisfaction Survey Results	100% (6/6)	83% (5/6)	100% (1/1)	0 responses	
Graduate/student satisfaction	100% (7/7) 2009-10 grads	100% (12/12) 2010-11 grads	75% (3/4) 2011-12 grads	86% (6/7) 2012-13 grads	
Advisory Board/Employer Recommendations for Improvement					

**Job placement data for program graduates.**

	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
Number of graduates	7 surveyed (2009-10 grads)	15 surveyed (2010-11 grads)	5 surveyed (2011-12 grads)	8 surveyed (2012-13 grads)	
Number of graduates gaining employment	7	15	4 employed; 4 in field	4 employed; 4 in field.	
Percentage of graduates gaining employment	100%	100%;	80%; 80% in field.	50%; 50% in field. (3 joined military)	
KY Unemployment Insurance job data		UI = 80%+	n/a; <10 matches	n/a	

#### Pass rates on licensure/certification exams (if applicable).

	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
Total # graduates attempting					
Total # passing on first attempt					
Total # passing after multiple attempts					
Pass rate of all attempting					

### Productivity and Funding

#### Student measures.

	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
Enrollment (Academic Year)					
Fall Enrollment	91 (Fall 2010)	57 + 28 pending (Fall 2011)	60 (Fall 2012)	74 (Fall 2013)	
Credentials Conferred	6 AD; 3 dip; 22 certs (2010-11)	4 AD; 4 dip; 36 certs (2011-12)	71 certs (2012-13)	5 AAS; 8 dip; 77 certs	
Credit hour production					

#### Student credit hour per instructional faculty FTE.

	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
Student credit hour per instructional faculty FTE.		96 (Fall 2011)			

#### Extramural funding.

Source of Funding	2011-2012
No funding sources	

Source of Funding	2012-2013
2012 Perkins - air jacks	\$3,500.00

Source of Funding	2013-2014
2013 Perkins - cleaning tank	\$18,000.00

Source of Funding	2014-2015
Perkins - dust collector	\$1,150.00

Source of Funding	2015-2016
No funding sources	

### Comments (2012-2013)

Roles	Comments
<b>Coordinator</b>	
1. Strengths of the Program	Advisory committee is very strong and provides support for the program. Job placement remains at 100%. Student satisfaction was 100% for 2011/2012.
2. Items Requiring Continued Attention	Will continue to seek program budget increase in order to provide quality training. Enrollment was reduced with implementation of selective admissions process.
3. Document and provide evidence indicating how last year's program review resulted in improvements in the program.	Air conditioning was installed in automotive classroom. The selective admission process will go away as of 8/1/13 due to low enrollment numbers for the automotive technology program.
<b>Assistant Dean</b>	I agree with all of the coordinators comments. As we continue to pursue high wage, high demand technical program, the institution needs to clearly define those terms in relation to industry and community needs. Employment opportunities for AUT graduates has always been strong and the industrial advisory committee is very supportive of this program.
<b>Dean</b>	Coordinators comments are accurate. Will be observing program for student numbers for next enrollment.
<b>Vice President</b>	Automotive Technology is an excellent program meeting critical industry needs. Although Steve, Mike, and Bonnie provide strong leadership. I am concerned that the ratio of full-time-equivalent students to full-time-equivalent faculty has decreased from 10.0 to 6.4 over the past two years. This ratio must be well above what it was two years ago.

### Comments (2013-2014)

Roles	Comments
<b>Coordinator</b>	
1. Strengths of the Program	The automotive technology program has always been a strong program with the exception of the two years in which the program was forced to move to a selective admissions process. The program has a strong advisory

	committee and working relationship with industry which is reflected in the employer surveys, student satisfaction, employment percentage of students and advisory committee minutes. The program recently completed its "mid-term" review for NATEF certification and was notified of their approval.
2. Items Requiring Continued Attention	Program budget continues to be a problem. With the increase in cost of supplies, new technology and the restructuring of budget strings, the program has been and is currently operating on approximately one third of what it was ten years ago.
3. Document and provide evidence indicating how last year's program review resulted in improvements in the program.	Elimination of the selective admissions process has resulted in an increase in interest of the automotive program. Currently there are approximately forty students that have placed their name on the new waitlist since the first of August 2013 and are awaiting enrollment into the program for January 2015. Most of which are currently taking general education classes while waiting to enter the program classes. Fall 2013 enrollment has also increased to seventeen. Up from the 2012 enrollment. Fall 2012 FTE was 11.3. Enrollment numbers sometimes appear skewed due to overlapping enrollment every third semester.
<b>Assistant Dean</b>	This program is strongly supported by the industrial advisory committee. Defining and then finding a balance between community/industry need and the high wage, high demand focus of technical training in the future will be important for the success of this program area. I agree with the coordinator's comments.
<b>Dean</b>	Agree with comments of coordinator and Assistant Dean. Industry support and advisory member participation strong. Coordinator needs to find ways to enroll full class as only enrolls every 3rd semester. Need to explore opportunities for working with ATC and receiving students with first year courses under their belt when they enroll at BCTC.
<b>Vice President</b>	I agree with Assistant Dean and Dean comments. The college's fiscal realities will necessitate another close look at this program to determine how we can effectively and efficiently meet student and industry needs.

## Comments (2014-2015)

Roles	Comments
<b>Coordinator</b>	
1. Strengths of the Program	The Automotive Technology program continues to remain strong with good enrollment and a current waiting list of 120 students plus. The program continues to have a strong and active advisory committee that supports the program and the college as well as a strong relationship with industry which is reflected in the employer surveys, student satisfaction, employment percentage of students and advisory committee minutes. The program also works closely with the local ATC with recruitment and placement of students. Many of the students on the waiting list are currently enrolled into general education classes while awaiting acceptance into the automotive program. A number of the students who were wanting to enroll into the automotive program but did not want to wait for the next enrollment have been diverted to other programs which they are currently enrolled in such as welding, HVAC, industrial maintenance, electronics etc. The program currently has seven students who are working in industry part time while they are going to school. Each of these positions will turn into fulltime employment once they graduate.
2. Items Requiring Continued Attention	Program budget continues to be a problem. With the increase in cost of supplies, new technology and the restructuring of budget strings, the program has been and is currently operating on approximately one third of what it was ten years ago. By moving additional expenses into the program budget that once was not there (cleaning supplies, repair of equipment, office supplies, etc.) the budget continues to shrink.
3. Document and provide evidence indicating how last year's program review resulted in improvements in the program.	Elimination of the selective admissions process has resulted in an increase in interest of the automotive program. Currently there are 120 students that have placed their name on the new waitlist since the first of August 2013 and are awaiting enrollment into the program for January 2015 (Most of which are currently taking general education classes while waiting to enter the program classes). We are currently working through the waiting list and enrolling

	new students for the spring 2015 semester. Enrollment numbers sometimes appear skewed due to overlapping enrollment every third semester.
<b>Assistant Dean</b>	The Automotive program continues to have student interest as evidenced by the large waitlist. The program is also strongly supported by the industrial advisory committee. Non-recurring funds were secured for the purchase of new tools.
<b>Dean</b>	Agree with comments from coordinator and AD. Need to examine how the college might have increased classes or weekend/evening in order to accommodate the large waiting list and enrollment only every three semesters.
<b>Vice President</b>	I concur with Assistant Dean and Dean comments, in particular efforts to increase enrollments. Like with all other technical programs, I encourage the program to consider additional apprenticeship and other industry sponsorship opportunities.

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