

Assessment, Improvement, Measurement (AIM) Report: 03/13/2015**Reporting Years:** 2011-2016**Program:** Surgical Technology**Coordinator(s):** Martin Baxter, Kevin Craycraft, 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			NA	N/A	
Faculty			1) Kevin Craycraft, BCTC Surgical Technology Program Coordinator, was reappointed by the AST Board of Directors to the AST Educa	1) Kevin Craycraft, BCTC Surgical Technology Program Coordinator, was reappointed by the AST Board of Directors to the AST Educa	
Program (include accreditation if applicable)			1) Successfully completed the 2013 ARC-STSA accreditation report. 2) Bluegrass Community and Technical College has received the	1) Successfully completed the 2014 ARC-STSA accreditation report. 2) Bluegrass Community and Technical College has received the	

Average actual time and credits to degree completion.

	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
General Education Credit Hours			20		
Technical Credit Hours			40-45		
Total Credit Hours			60-65		
Number of Graduates	7 AD (2010-11)	12 AD (2011-12)	5 AD (2012-13)		
Average Actual Time to Degree	3.8 yrs.	3.5 yrs.	4.56 yrs.		
Average Actual Credits to Degree	86	80	87		

Employer and student satisfaction.

	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016

Employer Satisfaction Survey Results		100% (1/1)	8/8=100% (Ju 2011 grads)	4.3 average rating; all agree (10/10)	
Graduate/student satisfaction		100% (6/6) 2010-11 grads	12/12=100% (Ju 2011 grads)	100% (8/8) 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 (2010-11 grads)	12 surveyed (Ju 2011 grads)	8 surveyed (2012-13 grads)	
Number of graduates gaining employment		4	10/12 (9/12 in field)	6 employed; 5 in field.	
Percentage of graduates gaining employment		57%	84% (75% in field)	75%; 62.5% in field.	
KY Unemployment Insurance job data		UI = 69%	UI= 80%+	80%+ (n=15)	

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

	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
Total # graduates attempting		9 (2012 test dates?)	14 (2013 test dates)		
Total # passing on first attempt		8	14		
Total # passing after multiple attempts					
Pass rate of all attempting		88.9%	100%		

Productivity and Funding**Student measures.**

	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
Enrollment (Academic Year)	31	26	17		
Fall Enrollment		17 + 70 pending (Fall 2011)	21 + 42 pndg (Fall 2012)	19 (Fall 2013)	
Credentials Conferred	7 AD	12 AD, 5 dip (2011-12)	5 AD; 4 dip (2012-13)	7 AAS; 7 dip (2013-14)	
Credit hour production	615 (2010-11)	437 (2011-12)	595 (2012-13)		

Student credit hour per instructional faculty FTE.

	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
Student credit hour per instructional faculty FTE.	559 (CPE)	397.3 (CPE)	510 (CPE)		

Extramural funding.

Source of Funding	2011-2012
No funding sources	

Source of Funding	2012-2013
No funding sources	

Source of Funding	2013-2014
2013 Perkins - curing lights, smart classroom, operating lights, autoclave, specialty instruments	\$122,000.00

Source of Funding	2014-2015
No funding sources	

Source of Funding	2015-2016
No funding sources	

Comments (2012-2013)

Roles	Comments
Coordinator	
1. Strengths of the Program	(a) Strong Program Coordinator with a great deal of clinical and teaching experience. (b) Strong Part-Time Faculty with practical clinical and teaching experience that reflects the values of the Program Coordinator and program mission. (c) Program Coordinator holds various leadership roles at the college, state and national levels. (d) Program coordinator has been invited to speak to other educators at The Association of Surgical Technologists Instructors Forum in February 2012. (e) Program has an extremely strong relationship with the clinical sites which along with the quality of the graduates/employees being produced has resulted in 6 clinical sites utilizing exclusively BCTC Surgical Technology Program students for clinical rotations at their facilities. (f) Strong program advisory committee attendance and input. (g) Over the years the program has had continued success with regard to retention and graduate placement rates. (h) Additional strength is based on the National trend of 25% growth between now and 2018 for Surgical Technologist based on the Bureau of Labor Statistics.
2. Items Requiring Continued Attention	(a) Continue maintaining quality faculty based on both the pursuit of a full time faculty position, to assist with the program workload, and adjunct faculty. (b) Developing a new Central Sterile Supply Certificate program, as allowed by the workload demands of the Program Coordinator (only Full time faculty member). (c) Continue to work on innovative retention and teaching strategies. (d) Work with BCTC institutional effectiveness with regard to increasing graduate survey returns, employer survey returns, and overall program information required by IE and other agencies. (e) Continue to maintain and

	increase current workplace equipment and techniques. (f) Continue to pursue means of marketing to increase the applicant pool. (g) Continue to monitor and improve National Surgical Technologist Certification pass rates based on teaching methods and the off-cycle graduation date results. (h) Continue to actively maintain ARC-ST accreditation requirements and complete the Annual Report. Annual report process is completed in April/May each year. (i) Continue to work with KCTCS/BCTC to complete Student Learning Outcomes and Program Health Reviews as required.
3. Document and provide evidence indicating how last year's program review resulted in improvements in the program.	(a) Changes regarding the off-cycle graduation dates resulted in the program achieving the ARC-ST benchmark this the 2011-2012 cohorts thus improving the program's ARC-ST outcome based results. Background on the off cycle graduation date issue: Due to various factors in 2011-2012 academic years the Surgical Technology program was granted an off-cycle June graduation date in order to improve national certification pass rates. It was agreed upon that the program would be granted the June date for the 2012-2013 program cohorts and then would be reviewed by the parties involved. After one year using the June date the certification pass rates improved from 62.5% (10/16) to 88.8% (8/9). I plan to roll this over to 2012-2013 as part of the two year agreement regarding the off-cycle graduation. If the scores remain of above ARCSTSA benchmark of 70% the off-cycle graduation will be approved for future cohorts. (b) Obtained state of the art workplace ready equipment in the form of two infrared active scrub sinks for the laboratory environment. (c) Other improvements are intangible in the sense that the review process allows the program coordinator to step back and look at the big picture, resulting in creative ideas for the future.
Assistant Dean	I have read and support the comments made by the Surgical Technology Coordinator. I feel that the additional certificate made the graduates of this program a more attractive hire. Also, it would support the need for an additional full time faculty member in the Surgical Technology program.
Dean	this program prepares strong graduates who are finding local employment. The program's quality is also recognized in the profession and the community.
Vice President	

Comments (2014-2015)

Roles	Comments
Coordinator	
1. Strengths of the Program	Strengths of the Program - (a) Strong Program Coordinator with a great deal of clinical and teaching experience. (b) Strong Part-Time Faculty with practical clinical and teaching experience that reflects the values of the Program Coordinator and program mission. (c) Program Coordinator holds various leadership roles at the college, state and national levels. (d) Program coordinator and Clinical Instructor have been invited to speak to other educators at The Association of Surgical Technologists Instructors Forum in February 2015. (e) Program has an extremely strong relationship with the clinical sites which along with the quality of the graduates/employees being produced has resulted in 6 clinical sites utilizing exclusively BCTC Surgical Technology Program students for clinical rotations at their facilities. (f) Strong program advisory committee attendance and input. (g) Over the years the program has had continued success with regard to retention and graduate placement rates. (h) Program coordinator is the senior member on the National AST Education and Professional Standards Committee. (i) Additional strength is based on the National trend of 25% growth between now and 2018 for Surgical Technologist based on the Bureau of Labor Statistics.
2. Items Requiring Continued Attention	Items Requiring Continued Attention - (a) Continue maintaining quality faculty based on both the pursuit of a full time faculty position, to assist with the program workload, and adjunct faculty. (b) Developing a new Central Sterile Supply Certificate program, as allowed by the workload demands of the Program Coordinator (only Full time faculty member). (c) Continue to work on innovative retention and teaching strategies. (d) Work with BCTC institutional effectiveness with regard to increasing graduate survey returns, employer survey returns, and overall program information required by IE and other agencies. (e) Continue to maintain and increase current workplace equipment and techniques. (f) Continue to pursue

	means of marketing to increase the applicant pool. (g) Continue to monitor and improve National Surgical Technologist Certification pass rates based on teaching methods and the off-cycle graduation date results. (h) Continue to actively maintain ARC-ST accreditation requirements and complete the Annual Report. Annual report process is completed in April/May each year. (i) Continue to work with KCTCS/BCTC to complete Student Learning Outcomes and Program Health Reviews as required.
3. Document and provide evidence indicating how last year's program review resulted in improvements in the program.	Document and provide evidence indicating how last year program review has resulted in improvements in the program/department. (a) Changes regarding the off-cycle graduation dates resulted in the program achieving a 100% pass rate and surpassing the ARC-ST benchmark this 2013-2014 cohorts thus improving the program's ARC-ST outcome based results. Background on the off-cycle graduation date issue: Due to various factors in 2011-2012 academic years the Surgical Technology program was granted an off-cycle June graduation date in order to improve national certification pass rates. It was agreed upon that the program would be granted the June date for the 2011-2012, 2012-2013, 2013-2014 program cohorts and then would be reviewed by the parties involved. After three years using the June date the certification pass rates improved from 62.5% (10/16), 88.8% (8/9), 100% (14/14), and maintained a 100% (14/14). Based on the success during both cohorts the program was granted the off-cycle graduation for all future cohorts. (b) Obtained workplace ready specialty instruments currently being used in the market for the laboratory environment. (c) Other improvements are intangible in the sense that the review process allows the program coordinator to step back and look at the big picture, resulting in creative ideas for the future.
Assistant Dean	I have read and support the comments made by the Surgical Technology Coordinator. The program continues to provide excellent instruction and qualified graduates.
Dean	Agree with all comments above. Have requested a second full time faculty position with the hopes for approval by BCTC President. Excellent program and dedicated faculty/coordinator who goes over and above to keep this program supreme. Strong support from all hospitals where we place students and graduates.
Vice President	I concur with Assistant Dean and Dean comments. Under Kevin's leadership, this program is a model . . . perhaps the best in the country! Like with all other technical programs, I encourage the program to consider additional apprenticeship and other industry sponsorship opportunities.