



One Year Periodic Program Review Report

Academic Programs

Surgical Technology Program

Associate of Applied Science

Statement of Collaboration

The program faculty, college staff, students, and community members listed below collaborated in an open and forthright dialogue to prepare this Periodic Program Review. Statements included herein accurately reflect the conclusions and opinions of this group.

Participants in the review:

Department Faculty: Michelle Schmidt, CST

Non-discipline Faculty: Jill Loveless

Associate Faculty:

Student/Alumni: Amanda Hendrickson

Academic Support Staff: Patti Fiscella

Date Submitted to the Dean of Instruction

Authorization

After the document is complete, print just this page and submit it to the Office of Instruction for the Dean's signature.

Signature of Dean _____

Report Sections and Guidelines

The report sections are described below. If you have questions on any section, please contact the [Office of Instruction for assistance](#).

1. Mission and Goals

Associate of Applied Science in Surgical Technology

- **The mission of the Surgical Technology program is to prepare competent entry-level Surgical Technologists in the cognitive (knowledge), psycho-motor (skills), and affective (behavior) learning domains within a learning-centered environment. For students to attain their Associate of Applied Science (AAS) Degree and take the national examination for certification as a Certified Surgical Technologist (CST).**
- **The goal and mission of the faculty with the Surgical Technology program is similar to the mission of the college in which faculty strive to provide a learning-centered environment that fosters student retention and success.**

It is expected that students of the Surgical Technology, Associate Degree program will adhere to expectations and goals.

- **Accountability** Identifies and practices within the ethical, professional and legal frameworks of surgical technology practice standards.
- **Safe effective care environment** Provide safe, efficient environment for patients and O.R. team members. Possess and apply effective work habits. Apply and integrate caring behaviors that demonstrate respect for the human condition.
- **Communication** Identifies and uses effective communication and interpersonal relationship skills with patients and other members of the health care team, including instructors.
- **Health Promotion and maintenance** Display behavioral awareness and management of stressors, both internal and external. Apply positive attitudes towards self and others.
- **Culture** Recognizes that biological and cultural diversities impact self and others within healthcare field.
- **Teamwork** Works cooperatively in a team environment.
- **Management** Manage the use of time and other resources to complete tasks and attain goals.

2. Program Data and Trend Analysis

Data will be supplied by Institutional Research. Faculty will be asked to respond to the trends found within the data. (See *Appendix B in the Periodic Program Review Guide for Faculty 2015* for detailed listing of the data sets.)

2.1. Data

- 2.1.1. *Program Resources (Profit/Loss)*: Please provide commentary on the program resources data points related to program revenue and expenses. Please comment on the adequacy of program resources, including such things as classroom and office space, laboratory space (if applicable), library and technology resources, and personnel.

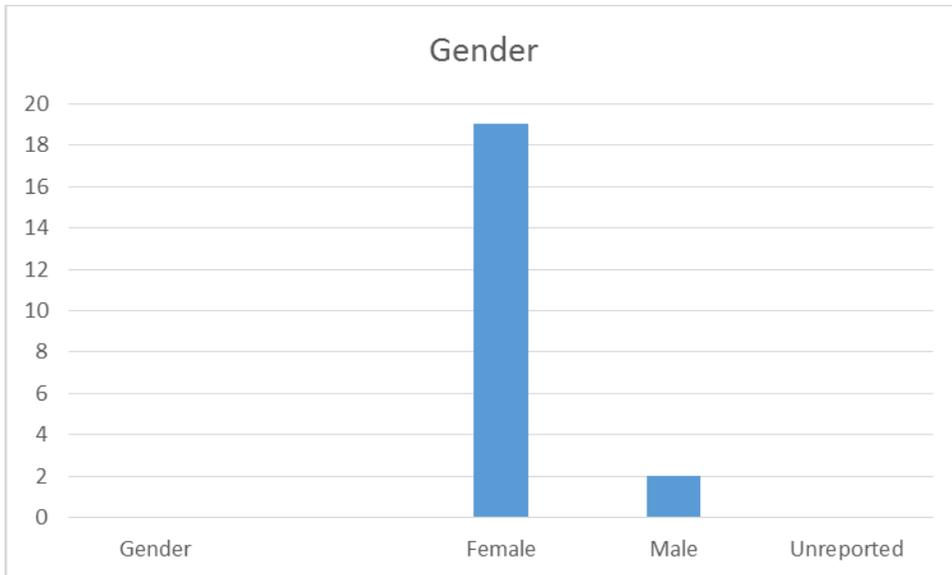
- **Summer 2014 Program moved into old bookstore building 3000 sq. feet. Perkins grant allowed for refurbished equipment and instrumentation to be purchased. Program Profits; Equipment \$ 52,100.00, Tuition/Fees \$ 91,063.00. Program Losses; Expenses \$149,596**

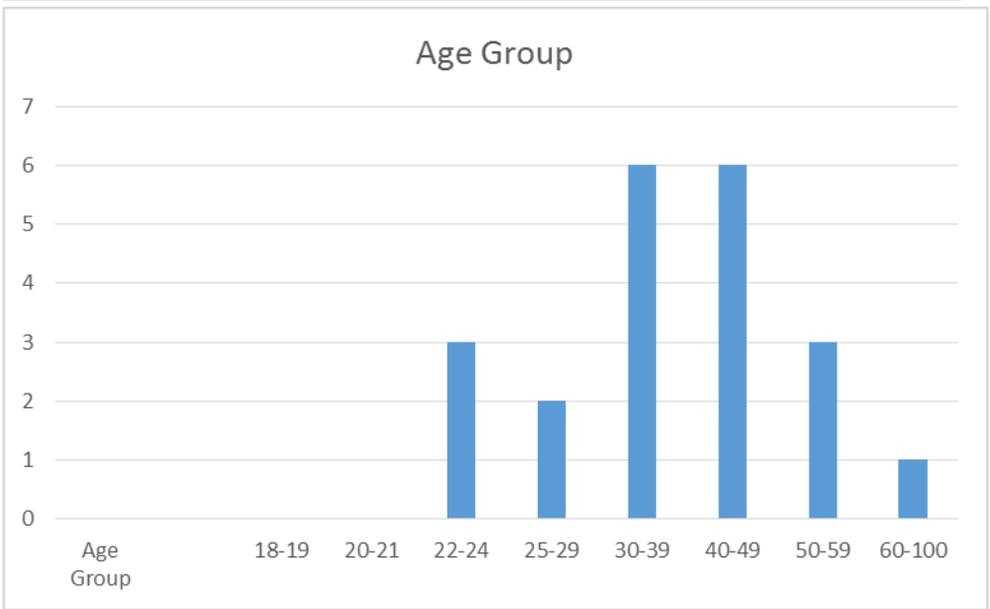
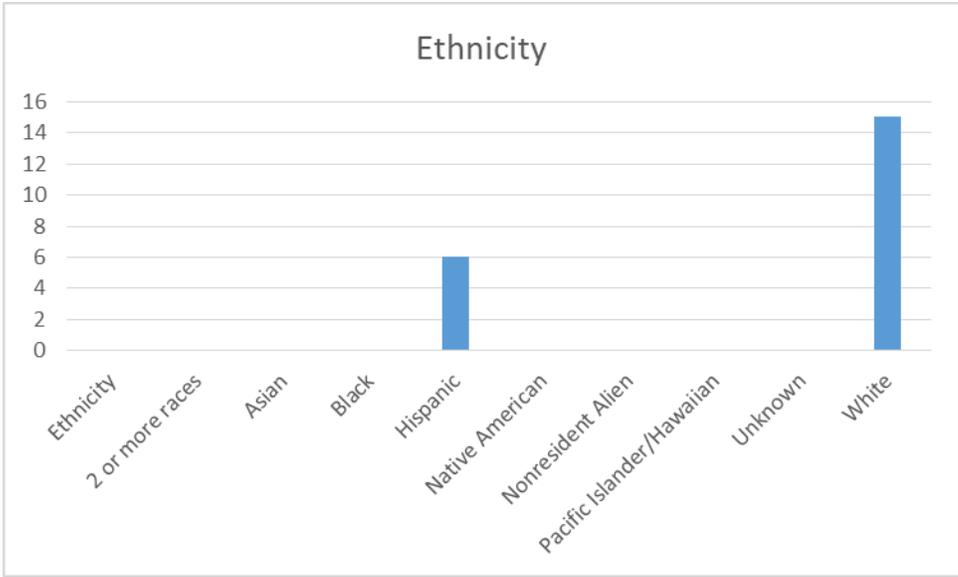
2.1.2. *Student Metrics*: Please provide commentary on the student metrics related to program success. Please comment on the adequacy of student metrics as the effect the program under review.

- **Enrollment is down. Program Director is working in surrounding communities to bring about awareness of the program. Retention issues to be resolved with assessments and early remediation. Thoughts of “shadowing” in the OR are being discussed in early first semester to educate students in unfamiliar operating room environment. Operating room directors from clinical sites are asked to speak to students about expectations at facilities.**
- **Demographic of students**

2.1.3. *Instructional Productivity*: Please provide commentary on the instructional productivity related to program success. Please comment on the trends found in this data.

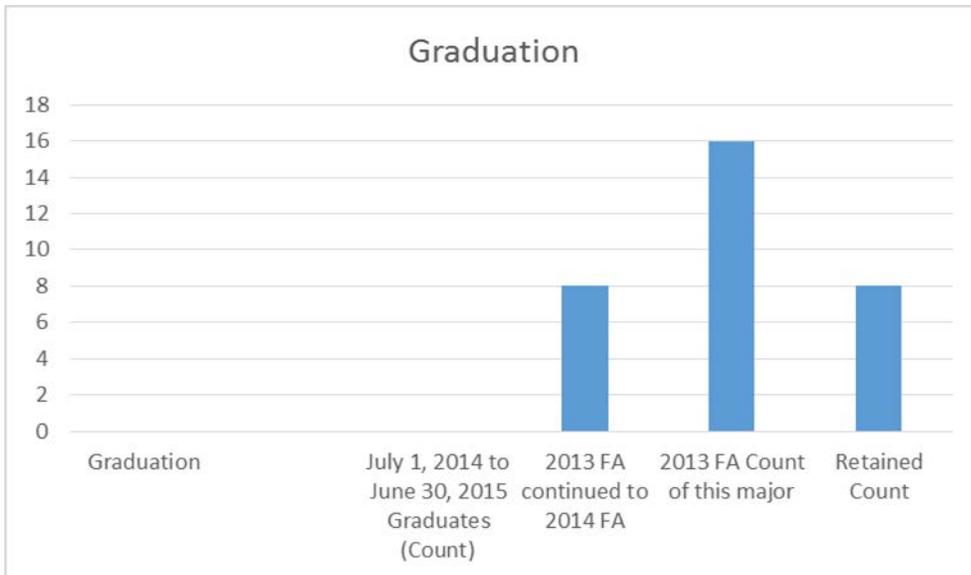
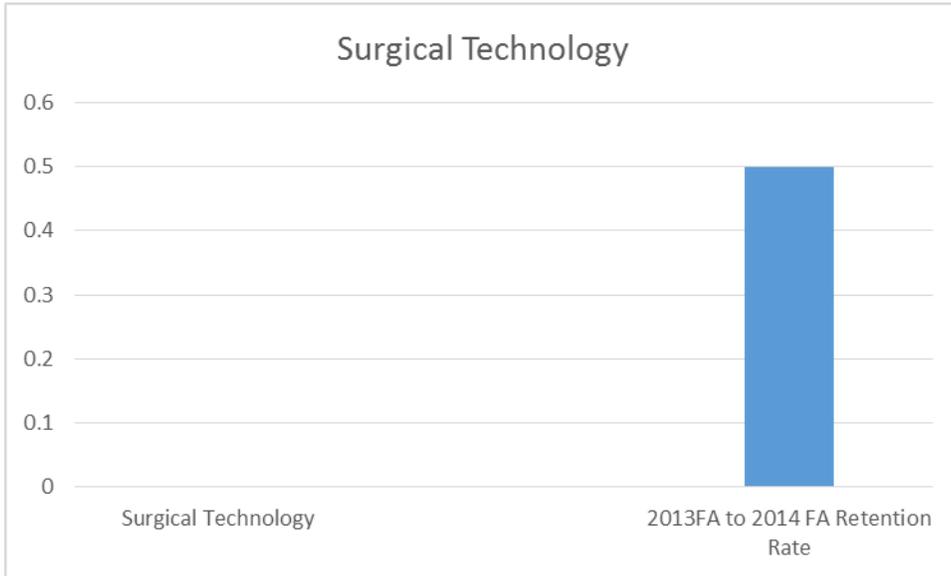
2.1.4. *Enrollment Trends*: Please provide commentary on the enrollment trends for the program(s). Enrollment trends show decline since 2012





2.1.5. *Faculty Data Points*: Please provide commentary on the faculty data points related to program success. Please comment on any trends or gaps found in the data.

2.1.6. *Other Data Points*: Please provide commentary on any additional data points reviewed for this review.



2.2. Strengths, Weaknesses, Opportunities, Threats (SWOT)

2.2.1. What are the strengths of your program as indicated in the above data?

- **Brand new classroom and newer laboratory equipment. Laboratory equipment was purchased with Perkins Grant.**
- **Clinical sites continue to comment on the caliber of students from the program.**
- **100% employment rate, 100% board pass rate.**
- **Bureau of Labor statistics predicts 14 percent change in employment from 2014 to 2024 for Surgical Technologists. The average growth rate for all occupations is 7 percent.**

2.2.2. What are the weaknesses of your program as indicated in the above data?

- **Marketing and retention are weaknesses in the Surgical Technology Program.**

2.2.3. What opportunities exist for your program based on the above data?

- **New classroom and lab allows us to speak about state of the art equipment and advances in the program. Request for marketing funds in budget proposal for 2016.**

2.2.4. What threats exist for your program based on the above data?

- **Not enough students to fill seats could result in losing staff. Retention continuing to be an issue ARC/STSA will do a site visit. This could result in accreditation issues.**

3. Assessment of Student Learning

- **No data to support this area. 2016 will reflect 29% of Surgical Technology courses with SLOs.**

3.1. What percentage of courses have identified student learning outcomes (SLOs)? (comment of progress/lack of progress)

3.2. What percentage of courses have ongoing SLO assessment? (comment on progress/lack of progress)

3.3. How has assessment of course level SLOs led to improvements in student learning and achievement?

3.4. How has assessment of program-level SLOs led to improvements in transfer or certificate/degree awards?

3.5. What challenges remain to make course and program level SLOs more effective?

4. Evaluation of Progress Toward Previous Goals

4.1. Evaluate steps taken to achieve goals established in the last periodic program review.

- **The Surgical Technology Program had 100% board pass rate for 2 years in a row, last year the number was 87%, well above required 70%. Board review for 3 weeks prior to students sitting for the exam, includes 2 practice tests for focus of study.**
- **Student employment has been 100% post-graduation**
- **Student to instructor ratio 4:1 has improved student success in competency evaluations resulting in less remediation time.**

4.2. In cases where resources were allocated towards goals, evaluate the efficacy of that spending.

- **Two full time employees make ratio of student to instructor appropriate for hands on portion of program. Student success has increased.**

5. Program Goals and Plan

5.1. Short-term Goals (two year cycle): Based on the above data and analyses, identify 2 or more concrete goals, measurable outcomes, and activities that you would anticipate resulting in improvements to the program in the next 2-year cycle.

Goal 1: (Goals describe what you wish to accomplish in support of program improvement.)

Increase enrollment

Measurable Outcome: **Enrollment to increase by 50%**

Plan: (Briefly describe how you will accomplish this goal.) **Marketing the program. Attend career fairs and community activities bringing about awareness of program. Student projects on topics of Surgical Technology will be displayed on sister campuses.**

Responsible Party(ies): Michelle Schmidt, Julie Clifford

Goal 2:

Measurable Outcome:

Plan:

Responsible Party(ies):

What specific aspects of these goals can be accomplished without additional financial resources?

5.2. Long-term Goals (four year cycle): Based on the above data and analyses, identify 2 or more concrete goals, measurable outcomes, and activities that you would anticipate resulting in improvements to the program within the next six years.

Goal 1: (Goals describe what you wish to accomplish in support of program improvement.)

Increase Enrollment

Measurable Outcome: **Enrollment to increase by 75%**

Plan: (Briefly describe how you will accomplish this goal.) **Marketing the program. Attend career fairs and community activities bringing about awareness of program. Student projects on topics of Surgical Technology will be displayed on sister campuses. Become more involved with State Assembly meetings to develop relationships in Phoenix area.**

Responsible Party(ies): Michelle Schmidt

Goal 2:

Measurable Outcome:

Plan:

Responsible Party(ies):

What specific aspects of these goals can be accomplished without additional financial resources?

6. Requests for Resources

For any specific aspect of a goal listed in 5.0 that would require additional financial resources, complete the form below.

Type of Resource	Requested Amount	Potential Funding Source
Personnel		
Facilities		
Equipment		
Supplies		
Computer Hardware		
Computer Software		
Training		
Other		
Total Requested Amount		

6.1. Describe the resource request(s). **n/a**

6.2. What program outcome(s) does the resource request(s) address? **n/a**

6.3. What measurable outcome(s) will result from filling this resource request? **n/a**

7. Executive Summary

- Please list 3 – 5 strengths of the program(s). **Student to Instructor ratio. Equipment to mimic real operating room equipment. Successful students in program and post-graduation.**
- Please list 3 – 5 areas of enhancement for the program(s). **Enrollment and recruitment.**
- Please identify ways the department will address student learning (assessment efforts, curricular redesign, etc.). **In cooperate more technology. SLOs will be in place. Update of course packages.**
- Based on programmatic analysis, please list 2 – 3 specific questions or areas which you would like the program reviewers to comment on or make recommendations.
- Identify any requests for resources that result from this review.

Who to Call?

Questions about any of the report sections.	Office of Instruction	Jill Loveless, Dean of Instruction ext. 1918
Questions about resource allocations/budget requests.	Office of Instruction	Jill Loveless, Dean of Instruction ext. 1918
Questions about assessment of student learning.	Office of Instruction	To Be Determined, Assessment Director ext. 1951
Need more data?	Institutional Research	Bob Faubert, IR Director ext. 1140