



NEW PROGRAM PROPOSAL FORM

Sponsoring Institution(s): St. Louis Community College

Program Title: Surgical Technology

Degree/Certificate: Associate of Applied Science

Options: Click here to enter text.

Delivery Site(s): St. Louis Community College -- Forest Park

CIP Classification: 51.0909

\*CIP code can be cross-referenced with programs offered in your region on MDHE's program inventory highered.mo.gov/ProgramInventory/search.jsp

Implementation Date: Fall 2017

Cooperative Partners: N/A

\*If this is a collaborative program, form CL must be included with this proposal

AUTHORIZATION:

Dr. Andrew Langrehr / Vice Chancellor Academic Affairs

Name/Title of Institutional Officer

Signature

6/27/14

Date

Dr. Joyce Johnson / Director Curriculum & Assessment

Person to Contact for More Information

Telephone

314-593-5162



## PROGRAM CHARACTERISTICS AND PERFORMANCE GOALS

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Institution Name St. Louis Community College  
Program Name Surgical Technology AAS  
Date June 1, 2016

(Although all of the following guidelines may not be applicable to the proposed program, please carefully consider the elements in each area and respond as completely as possible in the format below. Quantification of performance goals should be included wherever possible.)

### 1. Student Preparation

- Any special admissions procedures or student qualifications required for this program which exceed regular university admissions, standards, e.g., ACT score, completion of core curriculum, portfolio, personal interview, etc. Please note if no special preparation will be required.

The following courses must be completed with a grade of "C" or better prior to applying for admission to the program: MTH:030 (Elementary Algebra) or two semesters of high school algebra AND BIO:111 (Introductory Biology I) or one year of high school biology and chemistry with labs. Math and science courses must be completed within five calendar years of entering the program or by permission of program director. Cumulative GPA of 2.5 or higher on a 4.0 scale.

- Characteristics of a specific population to be served, if applicable.  
N/A

### 2. Faculty Characteristics

- Any special requirements (degree status, training, etc.) for assignment of teaching for this degree/certificate.

Faculty are required to have a master's degree with at least 18 hours of graduate credit in the specialized area being taught.

- Estimated percentage of credit hours that will be assigned to full time faculty. Please use the term "full time faculty" (and not FTE) in your descriptions here.  
100% will be assigned to three full time faculty.
- Expectations for professional activities, special student contact, teaching/learning innovation.  
[Click here to enter text.](#)

### 3. Enrollment Projections

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- Student FTE majoring in program by the end of five years.  
At the end of five years the FTE is expected to be around 50 students. This program limits the number of student who may enroll to 25 each year.
- Percent of full time and part time enrollment by the end of five years.  
100% full-time

#### 4. Student and Program Outcomes

- Number of graduates per annum at three and five years after implementation.  
20 students are expected to complete the program each year.
- Special skills specific to the program.  
[Click here to enter text.](#)
- Proportion of students who will achieve licensing, certification, or registration.  
95% of students completing the program are expected to acquire professional certification.
- Performance on national and/or local assessments, e.g., percent of students scoring above the 50th percentile on normed tests; percent of students achieving minimal cut-scores on criterion-referenced tests. Include expected results on assessments of general education and on exit assessments in a particular discipline as well as the name of any nationally recognized assessments used.  
95% of students completing the program are expected to exceed the 50th % on exit assessments.
- Placement rates in related fields, in other fields, unemployed.  
90% of students are expected to be placed in related fields.
- Transfer rates, continuous study.  
No students are expected to transfer to a four year program; this is a CTE program.

#### 5. Program Accreditation

- Institutional plans for accreditation, if applicable, including accrediting agency and timeline. **If there are no plans to seek specialized accreditation, please provide a rationale.**  
[Click here to enter text.](#)

#### 6. Alumni and Employer Survey

- Expected satisfaction rates for alumni, *including timing and method of surveys*.  
Alumni surveys are distributed every five years. It is expected that the majority of respondents will express satisfaction with the program.

- Expected satisfaction rates for employers, including timing and method of surveys. Employer surveys are distributed every five years. It is expected that the majority of respondents will express satisfaction with the program.

#### **7. Institutional Characteristics**

- Characteristics demonstrating why your institution is particularly well-equipped to support the program.  
STLCC already offers a successful Surgical Tech certificate program with outstanding licensure and placement rates.



A. Total credits required for graduation: 63-70

B. Residency requirements, if any: N/A

C. General education: Total credits: 26

Courses (specific courses OR distribution area and credits):

Course Number	Credits	Course Title
ENG:101	3	College Composition I
BIO:203	4	General Microbiology I
BIO:207	4	Anatomy and Physiology I
BIO:208	4	Anatomy and Physiology II
XXX:xxx	3	Missouri State Requirement
XXX:xxx	3	Humanities or Communications elective
SOC:101	3	Introduction to Sociology (OR)
PSY:200	3	General Psychology
PE:xxx	2	Physical Education Activity

D. Major requirements: Total credits: 37

Course Number	Credits	Course Title
ST:120	3	Principles of Surgical Technology
ST:122	3	Medical/Surgical Terminology
ST:124	3	Clinical Foundations
ST:126	2	Surgical Equipment and Technological Concepts
ST:128	3	Perioperative Case Management
ST:220	3	Procedures I
ST:230	3	Procedures II
ST:224	6	Clinical Practice I
ST:234	6	Clinical Practice II
ST:238	2	Professional Issues
ST:228	1	Clinical Seminar
ST:215	2	Surgical Pharmacology

E. Free elective credits:

0

(Sum of C, D, and E should equal A.)

F. Requirements for thesis, internship or other capstone experience:

N/A

G. Any unique features such as interdepartmental cooperation:

N/A



## STUDENT ENROLLMENT PROJECTIONS

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Year	1	2	3	4	5
Full Time	25	50	50	50	50
Part Time	0	0	0	0	0
Total	25	50	50	50	50

Please provide a rationale regarding how student enrollment projections were calculated:

Maximum number of students admitted is estimated at 25. If 25 are projected for the first year, then the second year will consist of 25 first year students and 25 second year students to equal 50 for total students. Program does not intend to have a part time tract. If we keep the Certificate program in place during the first year of the new program offering, we will be serving 50 students that first year (25 certificate students and 25 first year AAS students).

Provide a **rationale** for proposing this program, including **evidence of market demand and societal need supported by research**:

Surgical technology is projected to grow much faster than average with an employment increase of 22-30% between 2012-2022. This is indicative of a positive job market for graduates of this program.

STEM jobs in St. Louis are also expected to grow by 12.4% over the 10-year period (from 2012 to 2022), compared to 9.2% for Non-STEM jobs. Available jobs vs. those seeking jobs in healthcare are 15.7% vs. 9.6% with a gap of 11.1% in favor of available jobs.

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