**Amarillo College Curriculum Map for Surgical Technology**

**Division:** *Health Sciences* **Degree/Academic Program(s):** *AAS, Certification (SRGT.AAS; SRGT.CERT)* **Person Responsible for Area/Title:** *Lisa Holdaway* **Component Director/Chair:** *Mark Rowh* **Submission Date:** *November 3, 2015*

1. To prepare surgical technologists as specialists who utilize theoretical principles in surgery for the provision of comprehensive health care for individuals, families, and communities.
2. To produce surgical technologists who demonstrate the acquisition of knowledge in the theory and practice of surgical technology with input from the areas of biological, psychological, and sociological sciences.
3. To provide opportunities for the learner's personal and professional development.
4. To prepare graduates who can assume the highly technical and specialized function of a surgical technologist within the health care system.
5. To provide a foundation for the practice of surgical technology, continuing education in the field and a basis for further study in the health care field.

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| **Goal #1*: To prepare surgical technologists as specialists who utilize theoretical principles in surgery for the provision of comprehensive health care for individuals, families, and communities.*** |
| **Program-Specific Courses** | **PLO #1: Students will demonstrate effective communication and behavior in the Surgical Setting** | **PLO #2:****Students will analyze and demonstrate the components of effective teamwork by using role play and problem solving techniques** | **PLO #3:****Students will discuss, and demonstrate using simulation in lab of special population patient needs** |
| **SRGT 1261**  | **I, D** | **I, D** | **I,D** |
| **SRGT 1405** | **I, D** | **I, D** | **I, D** |
| **SRGT 1409** | **I, D** | **I, D** | **I, D** |
| **SRGT 1441** | **I, D, M** | **D, M** | **D, M** |
| **SRGT 1442** | **M** | **M** | **M** |
| **SRGT 2130** | **D,M** | **M** |  |
| **SRGT 2360** | **M** | **M** | **M** |
| **SRGT 2461** | **D, M** | **D, M** | **D, M** |

**I = Introduced; D = Developed & Practiced with Feedback; M = Demonstrated at Mastery**

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| **Goal #2: *To produce surgical technologists who demonstrate the acquisition of knowledge in the theory and practice of surgical technology with input from the areas of biological, psychological, and sociological sciences.*** |
| **Program-Specific Courses** | **PLO #1:****Students will identify and distinguish the physical, spiritual, and psychological needs of patient care through individualized case study preparation** | **PLO #2:****Students will identify principles and practice of sterilization, disinfection, and sanitation** | **PLO #3:****Students will Recognize anatomy and physiology associated with surgical procedures**  | **PLO #4:****Students will demonstrate knowledge if surgical procedures**  | **PLO #5:****Students will demonstrate practices of aseptic technique through multiple skill assessments and evaluations**  |
| **SRGT 1261**  | **I** | **I** | **I** | **I** | **I** |
| **SRGT 1405** | **I,** |  |  |  |  |
| **SRGT 1409** |  | **I,D, M** |  |  | **I,D,M** |
| **SRGT 1441** | **I, D,** | **M** | **I, D, M** | **I, D, M** | **M** |
| **SRGT 1442** | **I, D, M** | **M** | **I, D, M** | **I, D, M** | **M** |
| **SRGT 2130** |  |  |  |  |  |
| **SRGT 2360** | **M** | **M** | **M** | **M** | **M** |
| **SRGT 2461** | **D** | **D** | **D** | **D** | **D** |

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| **Goal #3: *To provide opportunities for the learner's personal and professional development.*** |
| **Program-Specific Courses** | **PLO #1:****Students will identify safety practices and standards for specialty surgical equipment** | **PLO #2:****Students will arrange a portfolio consisting of a resume, t-letter and interview questions for a job search** | **PLO #3:****Students will Employ the interview process with instructor** |
| **SRGT 1261**  | **I, D** |  |  |
| **SRGT 1405** |  |  |  |
| **SRGT 1409** |  |  |  |
| **SRGT 1441** | **I,D** |  |  |
| **SRGT 1442** | **D, M** |  |  |
| **SRGT 2130** |  | **I, D, M** | **I, D, M** |
| **SRGT 2360** | **M** |  |  |
| **SRGT 2461** | **D,M** |  |  |

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| **Goal #4:** ***To prepare graduates who can assume the highly technical and specialized function of a surgical technologist within the health care system.*** |
| **Program-Specific Courses** | **PLO #1:** **Students will prepare case study reports over each surgical procedure performed** | **PLO #2: Students will demonstrate competency in all basic skills using demonstrations and return demonstrations of surgical practice according to AORN practice standards during lab and clinical sessions** | **PLO #3:****Students will demonstrate competency in the preoperative, intraoperative and postoperative roles during clinical rotation** | **PLO #4:****Students will demonstrate and maintain an accurate count of the 125 surgical procedures completed in the first scrub, second scrub and circulating roles**  | **PLO #5:** **Students will complete the program and take the National Certification Exam with a score of 70% or higher.** |
| **SRGT 1261**  | **I, D** | **I,D,** | **I,D** | **I** |  |
| **SRGT 1405** |  |  |  |  |  |
| **SRGT 1409** |  | **I, D, M** | **I, D, M** |  |  |
| **SRGT 1441** | **I, D** | **I, D** | **I, D** | **I, D** |  |
| **SRGT 1442** | **D, M** | **D, M** | **D, M** | **D, M** | **I,D,M** |
| **SRGT 2130** |  |  |  |  |  |
| **SRGT 2360** | **M** | **M** | **M** | **M** |  |
| **SRGT 2461** | **D,M** | **D,M** | **D,M** | **D, M** |  |

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| **Goal #5: *To provide a foundation for the practice of surgical technology, continuing education in the field and a basis for further study in the health care field.*** |
| **Program-Specific Courses** | **PLO #1:****Students will demonstrate and practice knowledge of scope of practice as defined by the AST** | **PLO #2:****Students will apply knowledge learned during in-services for surgical products and procedures during clinical rotation** | **PLO #3:****Students will compose a surgical procedure case study term paper for their capstone project** |
| **SRGT 1261**  | **I, D** | **I, D** |  |
| **SRGT 1405** |  |  |  |
| **SRGT 1409** | **I, D** |  |  |
| **SRGT 1441** | **I, D, M** |  |  |
| **SRGT 1442** | **D, M** |  | **I, D, M** |
| **SRGT 2130** | **D, M** |  | **I, D, M** |
| **SRGT 2360** | **M** | **I, D, M** |  |
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