SURGICAL TECHNOLOGY - DEGREE

Restricted Entry, Associate of Applied Science Degree Program | mhcc.edu/SurgicalTechnology

Faculty Advisers
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The Surgical Technology program at MHCC is six quarters in length leading to an Associate of Applied Science degree. It is designed for selected men and women who wish to prepare for a paramedical career as members of a multi-disciplinary team caring for patients in the operating room and in the surgical practice setting. The program combines academic study with clinical practice in area hospitals. Prior to graduation, the student will sit for the national certification exam. Successfully passing this exam is a requirement for employment in Oregon effective July 2016.

Surgical technologists are professionals who are an integral part of the team of medical practitioners providing surgical care to patients in a variety of settings. The surgical technologist works under medical supervision to facilitate the safe and effective conduct of invasive surgical procedures. This individual works under the supervision of a surgeon to ensure that the operating room or environment is safe, that equipment functions properly and that the operative procedure is conducted under conditions that maximize patient safety.

A surgical technologist possesses expertise in the theory and application of sterile and aseptic technique and combines the knowledge of human anatomy, surgical procedures and implementation tools and technologies to facilitate a physician’s performance of invasive therapeutic and diagnostic procedures.

Providing safe patient care is the primary focus of all the actions and responsibilities of the surgical technologist.

Accreditation
The Surgical Technology program at MHCC has been accredited by the Commission on Accreditation of Education Programs (CAAHEP) since 1978. The American College of Surgeons (ACS) and the Association of Surgical Technologists (AST) collaborate to develop standards of quality for surgical technology education programs. On the basis of compliance with the standards and recommendations of the Accreditation Review Committee on Education in Surgical Technology and Surgical Assisting (ARC/STSA), accreditation is granted by CAAHEP (http://www.arcstsa.org).

Admission Requirements
Prospective students must satisfactorily meet program admission criteria and the application deadline to be considered for program admission. Program information and applications are available on our website at mhcc.edu/SurgicalTechnology. Program information meetings are held regularly and are posted on our website at mhcc.edu/HealthProfessions. Once you have read the application materials and attended an information session, if you have questions about the admission process, you may email LRAdmissions@mhcc.edu or refer to Application Assistance Workshop (http://www.mhcc.edu/LRQA) at mhcc.edu/LRQA.

Applicants to the Surgical Technology program must be physically and mentally able to cope with the rigors of the curriculum and the demanding nature of the field of surgical technology. Established academic and clinical requirements essential to the program of instruction apply to all students and cannot be waived. Attempts will be made to accommodate and retain qualified applicants with disabilities unless results of evaluations indicate that given reasonable accommodation an individual will still not be able to perform the essential functions required by the program.

All students must meet health and safety requirements as required by clinical affiliates, including a criminal background check and drug and alcohol testing, before entering the program. A list of requirements will be given to accepted students at the time of program acceptance.

The mathematics pre-program requirement, completion of MTH065 Beginning Algebra II ★ or MTH058 Quantitative Reasoning I satisfies the mathematics requirement for the AAS. A College Placement Test (CPT) score does not fulfill this requirement. Students must successfully complete the required mathematics course (or higher).


Program Outcomes
At the completion of this program, the student should be able to:

- Demonstrate acceptable knowledge-based competencies in accord with national standards for surgical technology
- Demonstrate technical (psychomotor) competency in the scrub role in accord with national standards for surgical technology
- Demonstrate professional behaviors consistent with national standards and employer expectations
- Demonstrate compassion for the patient and maintain his or her confidentiality
- Demonstrate safe health care practices consistent with employer expectations
- Exhibit a strong sense of ethical behavior and surgical conscience
- Exhibit self-direction and responsibility for actions
- Become employed in an entry-level surgical technology position

Students will take the national certification exam for surgical technologists, provided by the National Board of Surgical Technology and Surgical Assisting (NBSTSA), prior to graduation. Program graduates meet or exceed minimum surgical rotation case requirements determined by Core Curriculum for Surgical Technology. (Sixth Edition, published by the Association of Surgical Technologists)

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<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>AH110</td>
<td>Medical Language for Healthcare Settings ★</td>
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<thead>
<tr>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Fall</td>
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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MO114 &amp; MO115</td>
<td>Medical Terminology I ★ and Medical Terminology II ★</td>
<td>4</td>
</tr>
<tr>
<td>BI231</td>
<td>Human Anatomy and Physiology I ★</td>
<td>4</td>
</tr>
<tr>
<td>ST101</td>
<td>Surgical Technology Theory I</td>
<td>4</td>
</tr>
<tr>
<td>WR121</td>
<td>English Composition ★</td>
<td>4</td>
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<tr>
<td>Health and Physical Education requirement</td>
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<tr>
<td></td>
<td>[catalog.mhcc.edu/degree-certificate-requirements/aas/#health]</td>
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Credits 17

**Second Quarter**

**Winter**

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<th>Course Code</th>
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<tr>
<td>BI232</td>
<td>Human Anatomy and Physiology II ★</td>
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<tr>
<td>ST102</td>
<td>Surgical Technology Theory II</td>
<td>4</td>
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<tr>
<td>ST103</td>
<td>Surgical Technology Theory III</td>
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<td>ST111</td>
<td>Surgical Technology Lab I</td>
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<td></td>
<td>WR122</td>
<td>English Composition: Critical Thinking ★</td>
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<td>COMM111</td>
<td>Fundamentals of Public Speaking ★</td>
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<td>COMM115</td>
<td>Introduction to Intercultural Communication ★</td>
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Credits 18

**Third Quarter**

**Spring**

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<td>BI233</td>
<td>Human Anatomy and Physiology III ★</td>
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<td>Select one of the following:</td>
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<tr>
<td></td>
<td>CIS120</td>
<td>Computer Concepts I ★ and Computer Concepts Lab I ★</td>
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<td>BA131</td>
<td>Introduction to Business Computing ★</td>
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<td>ST104</td>
<td>Surgical Technology IV</td>
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<td>ST112</td>
<td>Surgical Technology Lab II</td>
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<td>Human Relations requirement [catalog.mhcc.edu/degree-certificate-requirements/aas/#human]</td>
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Credits 17

**Fourth Quarter**

**Fall**

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<td>ST204</td>
<td>Surgical Technology - General and Pediatric Surgery</td>
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<td>ST205</td>
<td>Surgical Technology - Obstetric, Gynecologic and Genitourinary Surgery</td>
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<tr>
<td>ST221</td>
<td>Surgical Tech Clinical Practicum</td>
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Credits 14

**Fifth Quarter**

**Winter**

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<td>ST206</td>
<td>Surgical Technology - Orthopedic Surgery</td>
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<tr>
<td>ST207</td>
<td>Surgical Technology - Otorhino-laryngologic, Oromaxillofacial, Plastic and Burn Surgery</td>
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</tr>
<tr>
<td>ST222</td>
<td>Surgical Tech Clinical Practicum</td>
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Credits 14

**Sixth Quarter**

**Spring**

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<tr>
<td>ST208</td>
<td>Surgical Technology - Ophthalmologic and Neurosurgery</td>
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ST209 Surgical Technology - Thoracic, Cardiovascular and Vascular Surgery 4

ST223 Surgical Tech Clinical Practicum 6

Credits 14

Total Credits 94

ST155 Surgical Technology Lab for Clinical Readiness (a zero-credit refresher course) is required of all program students in the summer before 4th quarter.

Total credits include the AAS degree mathematics requirement.

★ Course offered online

Cultural Literacy course