

## General Information

The Associate in Science Degree in Surgical Technology prepares practitioners specifically for the operating room scrub role. During operative procedures, the surgical technologist functions as an integral part of the surgical team and works in cooperation with the surgeon, anesthesiologist, and registered nurse performing duties that are vital for the safety and care of surgical patients. Responsibilities include preparation of sterile operative equipment and supplies, instrumentation during operative procedures, and other intra-operative patient care activities. Common duties include operating sterilizers, lights, suction machines, electrosurgical units and laparoscopic equipment as well as preparing the patient's surgical site.

In the Surgical Technology curriculum, theory and practice are integrated through the use of laboratory experiences in a completely equipped, on-campus simulated operating room and in actual operating rooms. Comprehensive background in anatomy and physiology is studied along with the proper medical terminology of the systems. An appreciation of the person having surgery, knowledge of common conditions requiring surgery and the surgical procedure as well as skills of patient care are included in surgical procedures classes. Ethical and legal dimensions of the work and profession of the Surgical Technologist are part of the program. Supervised clinical practice in surgical environments prepares students realistically.

Graduates are prepared for entry-level positions in such areas as hospital operating room departments, obstetrical departments, surgical supply/processing departments, outpatient surgical centers, and surgeon office practices. In addition, graduates of this program are eligible to continue on for a Bachelor of Science Degree in Business Management with a Healthcare Management/Respiratory Care (MGTH) concentration.

## ACCREDITATION STATUS

The Associate in Science in Surgical Technology program of study is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP). Upon completion of the program, graduates are eligible to take the National Certification Exam administered by The National Board of Surgical Technology and Surgical Assisting (NBSTSA).

Commission on Accreditation of Allied Health Education Programs (CAAHEP)  
9355 113th St N #7709  
Seminole, FL 33775  
Telephone (727) 210-2350  
<http://www.caahep.org/>



All surgical technology students must take The National Board of Surgical Technology and Surgical Assisting (NBSTSA) Certified Surgical Technologist examination before graduation. As reported in the 2023 Annual Report, during the timeframe of 8/1/2021 - 7/31/2022 the pass rate for first-time candidates of the ST program was 94%, whereas the national pass rate was 66%.

In accordance with the 2019 Reauthorization of the Higher Education Act, New England Institute of Technology hereby discloses only that the curriculum for this program meets the educational requirements for licensure as Surgical Technologists in the State of Rhode Island. The applicable licensing board in Rhode Island may impose additional requirements on candidates prior to granting a license, we encourage you to investigate those requirements. NEIT has not determined whether the curriculum for this program meets the educational requirements for licensure in any other states or

territories and we encourage you to investigate the requirements in your state or territory prior to accepting an offer of admission at NEIT.

## Program Missions, Goals and Outcomes

### Program Mission

To provide entry level professional skills in the art and science of surgical technology, emphasizing a background for professional growth and development, exposure to various surgical specialties and organization of departments in relation to the total complex of a health care facility. The surgical technologist works under medical supervision to ensure the procedure is conducted under conditions that maximize patient safety by maintaining aseptic technique, proper functioning of equipment and a safe environment. The Surgical Technologist is a respected and integral part of the team of medical practitioners providing surgical care to patients in a variety of settings.

Program Goals	Learning Domains	Evidence of Meeting Goals
1. To prepare competent entry-level surgical technologists in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains	Cognitive Psychomotor Affective	Meeting the 70% benchmark for passing the certification exam.  Meeting the satisfaction benchmark of 85% for both the employer and graduate surveys.
2. To demonstrate advanced knowledge of the principles of asepsis as applied to the practices of sterile technique as well as provide a safe, efficient, and supportive environment for the peri-operative patient.	Cognitive Psychomotor Affective	Students have met the minimum requirements of a C+ or better in their performance of their Practicums and evaluations.
3. To provide a variety of surgical specialty experiences in the spirit of cooperative education.	Psychomotor	Meeting the required clinical case requirements by the end of term VI.
4. To provide each student with a continuous, ongoing education with a consistent classroom and clinical experience.	Cognitive Psychomotor Affective	Curriculum Mapping Documentation (See attached).
5. To apply knowledge from other fields to help each student address the needs of the patient.	Cognitive Affective	Students participate in Interprofessional Educational activities.
6. To stress the importance of the educational process on a continuum.	Affective	Meeting the retention benchmark of 60%
7. To encourage volunteerism as well as participation and activity in local, regional, and national organizations with a philosophy that elevates and reinforces the standards of the profession.	Cognitive	Students are encouraged to become members of: ST Student Club Become members of AST NE Organ Bank Promote AST state assemblies in state of residence Promote Scholarship opportunities Participate in In-services at clinical site To continuously evaluate the program to maintain the highest degree of quality.
8. To continuously evaluate the program to maintain the highest degree of quality.	Cognitive	Effectiveness plan Faculty/staff meetings The NEIT ST curriculum is in line with the AST 7 <sup>th</sup> edition Core curriculum

		Adhering to the CAAHEP Standards and Guidelines
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**Program Outcomes**

- Successful completion of all preoperative competencies.
- Successful completion of all intra-operative competencies.
- Successful completion of all post-operative competencies.
- Successful completion of all professional skills competencies.

## Curriculum

Term I					
Course No.		Course Title	C	L	T
ST	101	Introduction to Surgical Technology	2	2	3
MGM	103	Computer Skills – Word and PowerPoint	0	2	1
BIO	100	Anatomy and Physiology I (MA/SCI Core)	4	0	4
BIO	101	Anatomy and Physiology I Lab (MA/SCI Core)	0	4	2
AHS	102	Introduction to Allied Health (MA/SCI Core)	2	0	2
EN	100	Introduction to College Writing (COM Core)	4	0	4
			12	8	16

Term II					
Course No.		Course Title	C	L	T
ST	120	Surgical Instrumentation	1	2	2
BIO	122	Microbiology and Lab	3	2	4
BIO	120	Anatomy & Physiology II (MA/SCI Core)	4	0	4
BIO	121	Anatomy & Physiology II Lab (MA/SCI Core)	0	4	2
<b>CHOOSE ONE</b> (depending upon Math placement)					
MA	109	Math for Life Science (MA/SCI Core)	4	0	4
ELECTIVE		100-200 Level Math/Science Core	4	0	4
			12	8	16

Term III					
Course No.		Course Title	C	L	T
ST	130	Surgical Procedures I	4	0	4
ST	131	Surgical Procedures I Lab	0	6	3
BIO	130	Pharmacology	3	0	3
BIO	131	Pathophysiology	2	0	2
EN	110	Healthcare Communications (COM Core)	4	0	4
			13	6	16

Mandatory Intersession					
Course No.		Course Title	C	L	T
PS	201	Introduction to Psychology (SS Core)	4	0	4
ELECTIVE		100-200 Level Humanities (or Arts/Foreign Language) Core	4	0	4
			8	0	8

Term IV					
Course No.		Course Title	C	L	T
ST	200	Surgical Procedures II	4	0	4
ST	201	Surgical Procedures II Lab (5 weeks)	0	6	3
ST	203	Professional Communication Skills (5 weeks)	1	0	1
ST	204	Operating Room Laboratory I** (5 weeks)	0	12	4
AHS	201	Introduction to Medical Ethics and Bioethics	3	0	3
<b>ELECTIVE</b>		<i>100-200 Level Humanities (or Arts/Foreign Language) Core</i>	<b>4</b>	<b>0</b>	<b>4</b>
			12	18	19

Term V					
Course No.		Course Title	C	L	T
ST	205	Advanced Topics in Surgical Technology	1	0	1
ST	220	Surgical Procedures III	4	0	4
ST	222	Operating Room Laboratory II**	0	24	8
ST	223	Surgical Seminar I	1	0	1
			6	24	14

Term VI					
Course No.		Course Title	C	L	T
ST	230	Operating Room Laboratory III** (5 weeks)	0	12	4
ST	232	Advanced Applications of Surgical Technology	6	0	6
ST	233	Surgical Seminar II (5 weeks)	2	0	2
			8	12	12
<b>Total Quarter Credit Hours = 101</b>					

Optional Courses – To be taken at Department Chair's Discretion <i>The credits for ST 98/ST99 do not count for degree requirements.</i>					
Course No.		Course Title	C	L	T
ST	99	Clinical Review	0	6	3
ST	98	Advanced Clinical Review	0	6	3

### Legend

C = Number of lecture hours per week

L = Number of laboratory hours per week

T = Total Quarter Credit Hours where each lecture hour per week is one credit, every 2-4 laboratory hours are one credit depending on the expected amount of pre- or post-lab work.

\*\*3 clinical lab hours = 1 Quarter Hour Credit OR Practicum Hours reflect 60-minute clock hours.

**PLEASE NOTE:** All liberal arts core courses are listed in italics.

All Associate Degree students are required to take 32 credits of liberal arts and math/science courses as selected from the liberal arts core. See the course descriptions section of this catalog for a list of the core

area courses. Students who place out of MA 109 must still take 32 credits of core courses.

**PLEASE NOTE:**

For all terms, a grade of C+ or better must be attained in BIO and ST courses, and a C or better in AHS 102, in order to advance to the next term. A cumulative grade point average of at least 2.33 in all courses must be maintained throughout the program.

Students are required to complete all of the 1st academic year courses, including liberal arts courses, to progress to the 2nd academic year when actual hospital-based operating room experience begins.

*Subject to change.*

### **Liberal Arts Core Electives**

All programs must meet certain minimum requirements in both the major and in the liberal arts. Course requirements for each program are listed in each curriculum along with liberal arts selections. Courses listed as “Core Electives” in a curriculum can be chosen by students from one of the several core areas listed below. Each core area provides a variety of courses for student choice. Students must take a minimum of 32 credits in core electives for the associate degree and an additional minimum of 28 credits for the bachelor’s degree. Individual majors have specific requirements and may require more than the minimum number of liberal arts credits or may specify certain courses in a particular core area. All liberal arts core elective courses are 4 credits. Please refer to the curriculum of the major for specific requirements.

#### **Associate Degree Core Elective Areas<sup>1</sup>**

**To obtain a minimum of 8 courses (32 credits), students may choose from the following course selections:**

- 2 courses (minimum) from the Communications Core**
- 2 courses (minimum) from the Math/Science Core**
- 1-2 courses from the Humanities Core OR**
  - 1 course from the Humanities Core AND/OR**
  - 1 course from the Arts/Foreign Language Core**
- 2 courses from the Social Sciences Core**

#### **Associate Degree Courses by Core<sup>1</sup>**

##### **Communications Core Electives (Minimum 8 Credits)**

EN 100 Introduction to College Writing  
EN 106 Service Industry Communications  
EN 110 Healthcare Communications  
EN 200 Workplace Communications  
EN 211 Oral Communications  
HU 208 Rap/Rock and Poetry

##### **Math/Science Core Electives (Minimum 8 Credits)**

CHM 101 Life Science Chemistry  
MA 100/110 Introduction to College Math  
MA 105 Basic College Math with Lab  
MA 109 Math for Life Science  
MA 121 Business Math  
MA 125 Technical Math I  
MA 200 Applied Math for Business  
MA 210 Technical Math II  
PHY 126 Applied Physics & Lab  
PHY 200 Physics I and Lab  
SCI 110 Environmental Science

**Arts/Foreign Language Core Electives (Maximum of 4 Credits in Place of a Humanities Course)**

AR 203 Introduction to Drawing  
AR 206 3D Sculpture: An Adventure in the Third Dimension  
AR 207 Introduction to Applied Music  
AR 209 The Art of Collage  
JP 201 Introduction to Japanese  
SP 201 Introduction to Spanish  
SP 203 Spanish for Healthcare Workers

**Humanities Core Electives (Minimum 4 Credits)**

HU 208 Rap/Rock and Poetry  
HU 211 Introduction to Film  
HU 212 Documentary Film  
HU 215 Popular Culture  
HU 216 Music and the Media  
HU 240 Graphic Design in the 20<sup>th</sup> Century  
HU 242 The Automobile and American Culture  
HU 244 Science Fiction  
HU 289 Racing Through Film  
HU 291 Critical Thinking and Chess

**Social Sciences Core Electives (Minimum 4 Credits)**

BU 236 Small Business and the Law  
EC 203 Principles of Economics  
HI 201 A History of Video Games and Esports  
HI 231 Contemporary History  
HI 235 Architectural History  
HI 280 The Holocaust  
PS 140 Life-Span Development  
PS 201 Introduction to Psychology  
PS 202 Psychology of Healthcare  
PS 203 Psychology of Happiness  
PS 210 Human Relations in the Workplace  
SO 203 Social Problems  
SO 220 Internet and Society  
SO 231 Crime and Deviance  
SS 140 Criminal Investigations  
SS 201 American Government in Action  
SS 203 Terrorism & National Security  
SS 204 Juvenile Justice System in America  
SS 210 Personal Financial Planning for Wealth and Success  
SS 221 Technology and American Life  
SS 222 Mindful Living

1. Subject to Change



**Degree Progress Checklist**

**Program Requirements**

Check off each completed course.

T1	ST	101	_____
	MGM	103	_____

T2	ST	120	_____
	BIO	122	_____

T3	ST	130	_____
	ST	131	_____
	BIO	130	_____
	BIO	131	_____

T4	ST	200	_____
	ST	201	_____
	ST	203	_____
	ST	204	_____
	AHS	201	_____

T5	ST	205	_____
	ST	220	_____
	ST	222	_____
	ST	223	_____

T6	ST	230	_____
	ST	232	_____
	ST	233	_____

Students are advised to take courses in the order and in the term in which they appear on this checklist. Any deviation may result in an extended time required to complete your degree as well as additional tuition and fees. Please contact your Student Advisor prior to making any changes to the course sequence.

**Liberal Arts Core Requirements**

**11 Required Courses**

Each course = 4 credits

Communications Core			
#1	EN 100	T1	_____
#2	EN 110	T3	_____

Math/Science Core			
#3	MA 109	T2	_____
#4	BIO 100	T1	_____
#5	BIO 101	T1	_____
#6	AHS 102	T1	_____
#7	BIO 120	T2	_____
#8	BIO 121	T2	_____
or			
If you placed out of MA 109 take:			
100-200 level MA/SCI			
#3	elective	T2	_____
#4	BIO 100	T1	_____
#5	BIO 101	T1	_____
#6	AHS 102	T1	_____
#7	BIO 120	T2	_____
#8	BIO 121	T2	_____

Humanities Core*			
#9	100-200 level HU elective	Interession	_____
#10	100-200 level HU elective	T4	_____

\*You may use one Arts/Foreign Language Core Elective to fulfill your Humanities Core.

Social Sciences Core			
#11	PS 201	Interession	_____

Subject to change.  
Please see your advisor for any questions.

ST students are required to complete all liberal arts courses prior to Term V.

## Course Descriptions

### **AHS 102 Introduction to Allied Health**

*2 Class Hours 2 Quarter Credit Hours*

This course introduces students to the allied health professions offered at New England Institute of Technology. The course covers topics generic to health care professionals, including basic skills, language and professional roles and responsibilities.

### **AHS 201 Introduction to Medical Ethics and Bioethics**

*3 Class Hours 3 Quarter Credit Hours*

This course is designed for the allied health student who has not been exposed to formal medical ethics or bioethics theory. Purposely broad in nature, it introduces students to important medical ethical issues pertaining to the healthcare professions such as confidentiality, informed consent, euthanasia, abortion, genetic engineering, and organ allocation. A unique aspect of this course is the focus on current bioethical issues in the news. Topic selection will be driven by current issues in bioethics affecting the healthcare provider as well as the public at large.

### **BIO 100 Anatomy and Physiology I**

*4 Class Hours 4 Quarter Credit Hours*

This course presents a comprehensive study of the structure and function of the human body as a whole, emphasizing the normal. This will serve as a background for the application of scientific principles both in everyday life and in the work of various health disciplines. Systems covered include integumentary, skeletal, muscular, nervous, and endocrine with respect to both histological and gross anatomy.

### **BIO 101 Anatomy and Physiology I Lab**

*4 Lab Hours 2 Quarter Credit Hours*

Laboratory practice includes the study of tissues by using microscopic examinations and the dissection of animal specimens, along with histological experimentation. Units covered are concerned with general introductory material, the skeletal, muscular, endocrine, and nervous systems.

### **BIO 120 Anatomy and Physiology II**

*4 Class Hours 4 Quarter Credit Hours*

*Prerequisite: BIO 100*

This course is a continuation of Anatomy and Physiology I, concentrating on the circulatory, respiratory, digestive, urinary, and reproductive systems.

### **BIO 121 Anatomy and Physiology II Lab**

*4 Lab Hours 2 Quarter Credit Hours*

*Prerequisite: BIO 101*

Emphasis is placed on association, correlation, critical thinking and overview of the body as a whole functioning unit, with units covering circulatory, respiratory, digestive, urinary, and reproductive systems.

### **BIO 122 Microbiology and Lab**

*3 Class Hours 2 Lab Hours 4 Quarter Credit Hours*

The morphology, physiology and pathology of microbial organisms are covered along with dynamics of microbial populations. Emphasis is placed on disease causation and implications for health care providers.

### **BIO 130 Pharmacology**

*3 Class Hours 3 Quarter Credit Hours*

Presentation of the basic concepts of pharmacology with emphasis on the biological factors affecting the action of drugs, factors modifying drug response, and drug interactions. Basic fundamental principles of chemistry are covered as necessary background material.

**BIO 131 Pathophysiology**

*2 Class Hours 2 Quarter Credit Hours*

*Prerequisites: BIO 100/101, BIO 120/121*

An introduction to the process of disease and its effects on the body and the basic responses of cells, tissues, and organ systems to these disorders. General phenomena such as inflammation, immune response, and carcinogenesis will be considered as well as a survey of disorders common to the clinical setting characteristic of the various organ systems using a system by system approach.

**ST 98 Advanced Clinical Review**

*6 Lab Hours 3 Quarter Credit Hours (5 Week Course)*

*The credits for ST 98/ST 99 do not count for degree requirements.*

*Course to be taken at the discretion of the Department Chairperson.*

This course is a mandatory course for students who have had a disruption of continuity between the clinical experiences and the ST Lab courses. It is designed to strengthen and reinforce the advanced lab skills necessary for entry-level placement. The review is an advanced preparatory course. Students are given the opportunity to work as a team in performing mock surgeries. This course is offered on a pass/fail basis.

**ST 99 Clinical Review**

*6 Lab Hours 3 Quarter Credit Hours*

*The credits for ST 98/ST 99 do not count for degree requirements.*

*Course to be taken at the discretion of the Department Chairperson.*

This course is a mandatory course for students who have had a disruption of continuity between the clinical experiences and/or the ST Lab courses. It is designed to strengthen and reinforce the lab skills necessary for entry-level clinical placement. The review is a clinical preparatory course. This course is offered on a pass/fail basis.

**ST 101 Introduction to Surgical Technology**

*2 Class Hours 2 Lab Hours 3 Quarter Credit Hours*

An introduction to surgical technology, selected aspects of the roles of the perioperative team, types of hospitals, and insurances will be presented. Principles of aseptic technique, standard precautions, and surgical positions are presented in class and simulated laboratory experience. Perioperative routines including understanding a health history, risk factors, informed consent, patients' rights, physical diagnosis skills, and scrubbing, gowning, and gloving are topics covered.

**ST 120 Surgical Instrumentation**

*1 Class Hour 2 Lab Hours 2 Quarter Credit Hours*

*Prerequisites: ST 101, AHS 102, BIO 100/101, MGM 103*

The care and handling of surgical instrumentation, instrument classification and recognition will be presented. The various types of sterilization methods as well as the proper manner to prepare surgical instruments for decontamination and sterilization will be included. Lab skills will include how to properly load and unload a knife handle, how to pass instruments correctly, and how to wrap instruments for sterilization.

**ST 130 Surgical Procedures I**

*4 Class Hours 4 Quarter Credit Hours*

*Prerequisites: ST 120, BIO 100/101, BIO 120/121, BIO 122*

Fundamentals of surgical patient care essential to the work in the surgical suite are presented in class. Selected topics included are wound healing, environmental design and safety, biohazards, care of specimens, preparing and functioning in a sterile field, needle and suture classification, draping, legal responsibilities, and skill acquisition in gowning and gloving. Roles of team members in the operating room are highlighted.

**ST 131 Surgical Procedures I Lab**

*6 Lab Hours 3 Quarter Credit Hours*

*Prerequisites: ST 120, BIO 100/101, BIO 120/121, BIO 122*

Students practice topics covered in ST 130. Skill acquisition and instrument handling are stressed. The on-campus laboratory is open to students for additional practice.

**ST 200 Surgical Procedures II**

*4 Class Hours 4 Quarter Credit Hours*

*Prerequisite: Completion of the first academic year including liberal arts courses*

The knowledge, skills, and professional behavior of a surgical technologist are developed in this course. It describes common health problems requiring surgical intervention, surgical procedures, interoperative complications, instrumentation supplies, and aseptic and special techniques. Surgery of the abdomen, genitourinary, operative obstetrics, gynecological surgery, cancer (breast) surgery, orthopedic surgery, and interoperative medications are some of the topics presented.

**ST 201 Surgical Procedures II Lab**

*6 Lab Hours 3 Quarter Credit Hours (5 Week Course)*

*Prerequisites: Completion of first academic year and eligible for clinical placement.*

Laboratory practice of topics presented in ST 200 Surgical Procedures II leading to skill acquisition.

**ST 203 Professional Communication Skills**

*1 Class Hour 1 Quarter Credit Hour (5 Week Course)*

*Prerequisites: Completion of the first academic year including liberal arts courses and completion of ST 201*

*Co-requisite: ST 204*

The course will cover topics in conflict resolution, teamwork, and group dynamics. Clinical topics will also be discussed.

**ST 204 Operating Room Laboratory I**

*12 Lab Hours 4 Quarter Credit Hours (5 Week Course)*

*Prerequisites: Completion of the first academic year including liberal arts courses and completion of ST 201*

*Co-requisite: ST 203*

Practicum is a pre-arranged scheduled experience in the operating room for student surgical technologists. It provides students with the actual experience in the following areas: teamwork, flexibility, organization, economy of time, and motion and materials. The preparation of all supplies and equipment used for surgical procedures in the operating room is also included.

**ST 205 Advanced Topics in Surgical Technology**

*1 Class Hour 1 Quarter Credit Hour*

*Prerequisite: ST 200*

This course includes basic terms and principles of computers, electricity, physics, disaster planning, and robotics as they relate to safe patient care practices in the surgical environment.

**ST 220 Surgical Procedures III**

*4 Class Hours 4 Quarter Credit Hours*

*Prerequisite: ST 200*

This course is a continuation of ST 200. Students have further study in common health problems and surgical specialties such as, thoracic, vascular, reconstructive, plastic, eye, and others. Clinical experience in the operating room provides an opportunity to develop skill in the full spectrum of the work. An overview of the roles of first and second scrub, first assistant, circulator, and the overall work of the surgical service is included.

**ST 222 Operating Room Laboratory II**

*24 Lab Hours 8 Quarter Credit Hours*

*Prerequisites: AHS 201, ST 200, ST 203, ST 204*

*Co-requisite: ST 223*

A pre-arranged, scheduled experience in the operating room for student surgical technologists. It provides students with actual experience in teamwork, flexibility, organization; economy in time, motion and materials; and preparation of supplies and equipment used in the operating room. Students will experience scrubbing first and second scrub roles on surgical procedures under the supervision of operating room personnel or instructor.

**ST 223 Surgical Seminar I**

*1 Class Hour 1 Quarter Credit Hour*

*Prerequisites: ST 200, ST 203*

*Co-requisite: ST 222*

Current topics in surgery will be presented. In addition, students will combine their surgical technology theory with their clinical experience through various methods of instruction.

**ST 230 Operating Room Laboratory III**

*12 Lab Hours 4 Quarter Credit Hours (5 Week Course)*

*Offered in the Winter and Summer Terms only*

*Prerequisites: Completion of Terms I-V including all liberal arts courses*

*Co-requisite: ST 233*

Students gain clinical experience in affiliated hospital operating rooms during various surgical procedures. Scrub skills during these various procedures are the focus of this experience. Previously learned concepts and procedures are applied daily during operative procedures.

**ST 232 Advanced Applications of Surgical Technology**

*6 Class Hours 6 Quarter Credit Hours*

*Offered in the Winter and Summer Terms only*

This course is the culmination of the surgical technology program of study. Knowledge from all core ST courses is integrated for a total application of principles acquired in the technology. Fast-breaking developments in the field will be approached as well as review of fundamental axioms. Only students who have completed Terms I through V may enroll.

**ST 233 Surgical Seminar II**

*2 Class Hours 2 Quarter Credit Hours (5 Week Course)*

*Prerequisites: Completion of Terms I-V including all liberal arts courses*

*Co-requisite: ST 230*

This is a continuation of ST 223. Students will be required to do a research paper on a surgically-related topic. A more in-depth look at the surgical procedures that students are performing in the field will be discussed.

**MGM 103 Computer Skills – Word and PowerPoint**

*2 Lab Hours 1 Quarter Credit Hour*

Students will practice fundamental computer skills, with an emphasis on word processing and presentation software in Microsoft Office. File management techniques including the use of OneDrive are stressed. Students also learn to zip files and create PDFs.

## **Liberal Arts Associate Degree Courses**

### **Art (Arts/Foreign Language Core)**

#### **AR 203 Introduction to Drawing**

*4 Class Hours 4 Quarter Credit Hours*

This course introduces students to key concepts and techniques integral to developing basic drawing skills. Class time will be spent discussing, demonstrating and practicing these skills in order to produce a comprehensive body of work specific to the course objectives. Course performance will be evaluated on effort and growth as opposed to artistic talent.

#### **AR 206 3D Sculpture: An Adventure in the Third Dimension**

*4 Class Hours 4 Quarter Credit Hours*

This course will teach students to think, see and function in 3-dimensional space. They will explore the differences and similarities between 2-dimensional and 3-dimensional representation in composition and design. Students will use a broad range of materials to create sculptures that will help them explore different aspects of 3-dimensional functioning. Class time will be spent in a combination of sculpture design and a discussion of slides of work reflecting the history of three-dimensional works of art from Greek times to the present. No prior experience with art courses is required.

#### **AR 207 Introduction to Applied Music**

*4 Class Hours 4 Quarter Credit Hours*

This course will afford students the opportunity to experience a "hands-on" approach to piano keyboard and composition. Each section of the course will focus on one musical concept through listening, playing and finally application. Because of the computer-assisted nature of the program, all levels of musical and keyboard comprehension can be accommodated, and the course can be geared to the individual interests and needs of each student in the class.

#### **AR 209 The Art of Collage**

*4 Class Hours 4 Quarter Credit Hours*

Powerful imagery is a combination of technical skill and imagination. Students will exercise their ability to manipulate composition and color as well as cultivate the power of imagination in this studio class with a focus on collage, a technique where compositions are crafted by adhering various materials to a backing surface. Creativity and the development of ideas will be explored while acquiring a working knowledge of the elements and principles of art. The assemblage process of collage will be the design tool used to investigate, generate and express ideas. Students will research collage as an art form and examine the creative processes of various artistic disciplines. No prior experience is necessary. Students will be evaluated on their effort and creative growth as opposed to artistic talent.

### **Business (Social Sciences Core)**

#### **BU 236 Small Business and the Law**

*4 Class Hours 4 Quarter Credit Hours*

This course is designed for those students who intend to start and operate their own small business. This course will focus on the various elements associated with the start-up, acquisition and operation of a small business from the entrepreneurial point of view. Topics to be covered will include business formation, contract negotiations and drafting, financing, employee discrimination issues, customer relations issues, licensing, permits and tax basics. Additionally, students will be asked to complete a legal research assignment and prepare and present a business plan in their particular technological field of study.



**Chemistry (Math/Science Core)**

**CHM 101 Life Science Chemistry**

*3 Class Hours 2 Lab Hours 4 Quarter Credit Hours*

*Prerequisite: MA 100/110 or MA 105 or MA 109*

This course provides an introduction to inorganic chemistry and organic chemistry with a focus on Life Science applications as reflected in the selection of the text. Topics include measurement, units of concentration, the nature of atoms, states of matter, periodicity, bonding, stoichiometry, chemical reactions, thermodynamics and kinetics.

**Community Enrichment**

**CE 101 Community Enrichment**

*1 Class Hour 1 Quarter Credit Hour*

This online course is offered through the Feinstein Enriching America Program. Weekly assignments include topics such as B Corporations, civic and social responsibility, and Non-Governmental Organizations. A 15-hour community enrichment project is also required. Community engagement six months prior to taking the course may be accepted with proper documentation. Current or prior military service and concurrent clinical experiences are accepted in lieu of the community enrichment project. After successful completion of the course, students are eligible to apply for a Feinstein Scholarship, which is awarded each term.

**Economics (Social Sciences Core)**

**EC 203 Principles of Economics**

*4 Class Hours 4 Quarter Credit Hours*

*Prerequisite: EN 100*

Introduces the fundamental principles of microeconomics and macroeconomics, such as scarcity, supply and demand, growth, fiscal and monetary policies, and the public and the private sectors.

**English (Communications Core)**

**EN 100 Introduction to College Writing**

*4 Class Hours 4 Quarter Credit Hours*

*Placement: Based on an evaluation of a writing sample or successful completion of EN 030.*

EN 100 is an introductory writing course designed to immerse students in the writing process and sharpen their critical thinking skills. In this course, students will practice using writing as a tool for learning by responding to readings, composing essays, and reflecting on the writing process itself. Through drafting, revising, and writing to learn, students will strengthen their ability to interpret, analyze, and evaluate the ideas presented in the course readings, lectures, and discussions. Conducting, evaluating, and integrating research (through summarization, quotations, and paraphrasing) is a major component of this course. Additionally, students will be introduced to APA citation style, and will improve essential writing skills such as grammar, punctuation, and standard usage.

**EN 106 Service Industry Communications**

*5 Class Hours 5 Quarter Credit Hours*

In today's competitive service industry technicians must possess a mastery of both technical and nontechnical skills. EN 106 will introduce and equip students with the nontechnical or "soft skills" needed to succeed and advance in their field. Topics will include written and verbal communication, professionalism, team collaboration, critical thinking, and problem-solving skills. Because learning to write and communicate effectively requires practice, the course provides numerous opportunities; including

writing workshops, role play, and group activities, for students to apply the fundamentals of written and oral communication.

### **EN 110 Healthcare Communications**

*4 Class Hours 4 Quarter Credit Hours*

*Prerequisite: EN 100*

EN 110 builds off the foundation established in EN 100 and focuses on the necessity of clear written and oral communication in the allied health arena. Through role play, small group work, and presentations students will develop the communication and critical thinking skills they will need daily when communicating with other health care providers, clients, and their families. Additionally, by continuing in the writing process (researching, drafting, and revising) students will further their ability to write clear, concise, error free prose with attention given to audience and message.

### **EN 200 Workplace Communications**

*4 Class Hours 4 Quarter Credit Hours*

*Prerequisite: EN 100 or EN 110 or placement based on evaluation of a writing sample.*

EN 200 builds off the foundation established in EN 100 and focuses on the necessity of clear written and oral communication in professional settings. Students will be exposed to a variety of business writing genres including memos, emails, business letters, and proposals. By continuing their engagement in the writing process (researching, drafting, and revising), students will compose several professional documents, reinforcing students' attention to audience and their aptitude to develop an effective workplace document. Additionally, this course strengthens students' ability to document in APA citation style, and hone essential writing skills such as grammar, punctuation, and standard usage.

### **EN 211 Oral Communications**

*4 Class Hours 4 Quarter Credit Hours*

*Prerequisite: EN 100 or EN 110 or placement*

This is an introductory course with an emphasis on oral communication theory and practice, providing a basic understanding of the significance of oral communication as well as instruction and practice in the basic skills of public speaking. The course is intended to help students develop skills in speaking, organizing thoughts, and critical analysis. Major emphasis is placed on the preparation and presentation of formal speeches.

### **History (Social Sciences Core)**

#### **HI 201 A History of Video Games and Esports**

*4 Class Hours 4 Quarter Credit Hours*

Do you love video games? Then this is the course for you! Come discover the history of one of the largest entertainment industries in the world. In this fun and interactive course, learn how the games industry got so large, what this esports phenomenon is all about, and why all of this matters to your daily life. What are you waiting for? Join on this wild ride into the games, gaming and what the meaning of digital fun is!

#### **HI 231 Contemporary History**

*4 Class Hours 4 Quarter Credit Hours*

*Prerequisite: EN 100*

This course encourages students to explore economic, political, social and cultural developments throughout the world since World War II, particularly in developing nations including spiritual, scientific and intellectual developments.

#### **HI 235 Architectural History**

*4 Class Hours 4 Quarter Credit Hours*

This course is a study of the major periods and styles of architecture from Egyptian through postmodern. Styles studied will include Egyptian, Greek, Roman, early Christian, Byzantine, Romanesque, Gothic,



Renaissance, Baroque, 18th, 19th and 20th century. Through a series of lectures, discussions, and readings, students will gain a fundamental understanding of the history of architecture including the historical and social context of each period respectively.

### **HI 280 The Holocaust**

*4 Class Hours 4 Quarter Credit Hours*

*Prerequisite: EN 100*

In this course, students will study genocide and mass murder in modern history. The focus of this course is the Jewish Holocaust of 1933-1945. Through film, photographs, and readings, the course will provide students with a basic understanding of the establishment of the Nazi Party and its attitudes, beliefs, and laws that were put into action during this time period. Students will compare the Holocaust to current genocidal acts in the world today, including the effects of genocide on society.

### **Humanities (Humanities Core)**

#### **HU 208 Rap/Rock and Poetry**

*4 Class Hours 4 Quarter Credit Hours*

*Core Fulfillment: Both Communications Core and Humanities Core*

*Prerequisite: EN 100*

What do Eminem, Tupac, Bob Marley, Bob Dylan and WB Yeats have in common? All five wordsmiths are poets who use rhyme, rhythm, figurative language and poetic structure to craft language. In this course, students will explore poetic devices and important global themes through examination of poetry, written by Nobel Prize and Grammy Award winning writers. Focusing on aspects of poetic form will build students' understanding of and appreciation for the power of language.

#### **HU 211 Introduction to Film**

*4 Class Hours 4 Quarter Credit Hours*

*Prerequisite: EN 100*

The focus of the course will be on what goes into the reading and analysis of a film. Film is comprised of several arts – and the objective of this course is to learn to appreciate films and to see them as important social documents that tell us much about ourselves and our world.

#### **HU 212 Documentary Film**

*4 Class Hours 4 Quarter Credit Hours*

*Prerequisite: EN 100*

This course will expose students to the techniques and artistry of making interesting non-fiction films. Students will view and analyze significant documentary films and become familiar with the work of important filmmakers.

#### **HU 215 Popular Culture**

*4 Class Hours 4 Quarter Credit Hours*

This course will analyze cultural expressions of intellectual and social trends since 1950. Students will investigate literature, comics, movies, television, music, advertising, painting, computer games, and the Internet to probe the forces that shape our world. In this course, students will identify and evaluate the popular entertainment we consume and ask how our choices define us and shape our values. Understanding our values and culture enables us to understand why we buy what we buy, why we do what we do, and why we think the way we do.

**HU 216 Music and the Media**

*4 Class Hours 4 Quarter Credit Hours*

*Prerequisite: EN 100*

This course will trace the long relationship between visual media and music. Students will study the movie industry from silent movies to the sound tracks that are an integral part of the movies of today. They will also study the importance of music in television, radio and the recording industry, particularly its role in commercials and the "selling" of products, people and programming. In addition, a substantial portion of the course will be devoted to the technology that has led to today's sophisticated performances and recording techniques.

**HU 240 Graphic Design in the 20th Century**

*4 Class Hours 4 Quarter Credit Hours*

*Prerequisite: EN 100*

Throughout history, artists and designers have created visual works that help to define historical eras. In this course, students will examine and analyze the most prominent design styles of the past one hundred years. They will learn the defining features and major proponents of each style as well as how each style fits within its historical context. They will then use the knowledge gained to produce designs that respond to past styles in an engaged, knowledgeable way. Course performance will be evaluated on student effort and growth as opposed to artistic talent.

**HU 242 The Automobile and American Culture**

*4 Class Hours 4 Quarter Credit Hours*

*Prerequisite: EN 100*

Undeniably, the automobile has had an enormous impact on American culture. A majority of Americans rely on individual transportation daily, but the car is more than a means of heading to work. Automobiles impact our personal independence, our choice of employment, the country and world economies, the environment, and our social culture. The Automobile and American Culture is a course designed to study the broad impact that the automobile has and continues to have on our nation and the world. Students will examine the automobile through historical documents, films, photographs, and music.

**HU 244 Science Fiction**

*4 Class Hours 4 Quarter Credit Hours*

*Prerequisite: EN 100*

Isaac Asimov called science fiction "the literature of change." The course will analyze films, short stories, and a classic science fiction novel to understand the ways this popular genre entertains us and gives us insight into the impact science and technology has had on us.

**HU 289 Racing Through Film**

*4 Class Hours 4 Quarter Credit Hours*

Racing Through Film is a course dedicated to examining how the sport of motor racing has been explored through film. Through reading, discussion and viewing films we will consider such issues as the history of racing, questions of masculinity and the often countercultural and rebellious nature of racing, with particular interest in the anti-hero figure.

**HU 291 Critical Thinking and Chess**

*4 Class Hours 4 Quarter Credit Hours*

*Prerequisite: EN 100*

This course teaches critical thinking and problem-solving skills by using the game of chess as an empirical model for evaluating situations, calculating risks, predicting the consequences of possible actions, solving problems efficiently, and investigating the benefits and limits of reasoning and creative play. Students will demonstrate those skills by solving a wide variety of tactical and strategic problems in chess, by writing a thoughtful analysis of the qualities necessary for a successful thinker/problem solver,

and by applying those qualities to situations in one's personal life and career. Chess will be used as a model for critical thinking skills and life skills.

### **Japanese (Arts/Foreign Language Core)**

#### **JP 201 Introduction to Japanese**

*4 Class Hours 4 Quarter Credit Hours*

Students will be introduced to the basics of Japanese, (speaking, listening, reading, and writing) with an emphasis on comprehension and speaking. Vocabulary used in everyday communication in the workplace, school, and common social situations will be covered. Contemporary Japanese society will be addressed in class discussions and video presentations including, but not limited to art, education, film (in particular animé), food, literature, music, sports, and technology. Japanese technological invention and know-how, as well as the unique challenges of doing business with the Japanese will be studied. Japanese guest speakers will be invited to share their expertise and experiences.

### **Mathematics (Math/Science Core)**

#### **MA 100 Introduction to College Math with Lab**

*2 Class Hours 4 Lab Hours 4 Quarter Credit Hours*

*Prerequisite: Placement exam*

Topics to be covered in this lab-based introductory algebra course include operations with signed numbers, rules for exponents, polynomial operations, solutions to linear equations in one variable, and several applications important to various programs.

#### **MA 105 Basic College Math with Lab**

*4 Class Hours 2 Lab Hours 5 Quarter Credit Hours*

*Prerequisite: Placement exam*

Topics to be covered in this lab-based introductory algebra course include operations with signed numbers, rules for exponents, polynomial operations, solutions to linear equations in one variable, and several applications important to various programs.

#### **MA 109 Math for Life Science**

*4 Class Hours 4 Quarter Credit Hours*

This course is designed to assist in the understanding of the proper techniques needed to perform accurate dosage calculations; vital signs in order to ensure patient safety. This course will focus on developing the mathematical skills, critical thinking and quantitative reasoning methods needed to apply medical language and systems of measurement to solve problems in a variety of healthcare settings.

#### **MA 110 Introduction to College Math**

*4 Class Hours 4 Quarter Credit Hours*

*Prerequisite: Placement exam*

Topics to be covered in this introductory algebra course include operations with signed numbers, rules for exponents, polynomial operations, solutions to linear equations in one variable, and several applications important to various programs.

#### **MA 121 Business Math**

*4 Class Hours 4 Quarter Credit Hours*

*Prerequisite: MA 100/110 or MA 105 or MA 109*

This is an elementary applied course studying such business topics as interest rates, discounts, payrolls, markups, depreciation, insurance, mortgages, and basic statistics.

**MA 125 Technical Math I**

*4 Class Hours 4 Quarter Credit Hours*

*Prerequisite: MA 105 or MA 100/110*

Topics to be studied include the analytic geometry of a straight line, systems of linear equations, trigonometry, vectors and their applications, and quadratic equations.

**MA 200 Applied Math for Business**

*4 Class Hours 4 Quarter Credit Hours*

*Prerequisite: MA 105 or MA 100/110*

MA 200 is designed to help with the transition from basic algebra to more advanced business-related courses, such as statistics and finance. Applications will be stressed throughout the course. Specific topics include linear functions, quadratic functions, descriptive statistics, exponential functions, and annuities.

**MA 210 Technical Math II**

*4 Class Hours 4 Quarter Credit Hours*

*Prerequisite: MA 125*

The following four major topics and their applications will be studied: Cramer's Rule, exponential and logarithmic functions, trigonometry, and complex numbers.

**Physics Courses (Math/Science Core)**

**PHY 126 Applied Physics & Lab**

*3 Class Hours 2 Lab Hours 4 Quarter Credit Hours*

*Prerequisite: MA 100/110 or MA 109*

This course studies the applications of fundamental concepts of physics. The topics covered include: the motion of objects, the forces that cause motion, velocity, acceleration, Newton's Laws, torques, work, power, and energy. The laboratory component is designed to give students the opportunity to have hands-on experience with the fundamental concepts of physics studied in the theory portion of the course.

**PHY 200 Physics I & Lab**

*3 Class Hours 2 Lab Hours 4 Quarter Credit Hours*

*Prerequisite: MA 125*

This course is a non-calculus approach to the study of fundamental physics and includes kinematics and dynamics of bodies, velocity, acceleration, and Newton's laws of motion, forces in equilibrium, concurrent and non-concurrent forces, work, power, energy, and torque. Labs are performed within the course to reinforce concepts.

**Psychology (Social Sciences Core)**

**PS 140 Life-Span Development**

*4 Class Hours 4 Quarter Credit Hours*

The purpose of Life-Span Development is to introduce students to the broad concepts of human growth and development from conception to death. Students will be introduced to human development from the prenatal stage to death with particular emphasis placed on early childhood, adolescence and old age. The course is especially designed for students entering the healthcare professions as the slant is toward practical application of all stages. Upon completion of the course, students should be able to demonstrate a basic knowledge of the developmental stages of life.

**PS 201 Introduction to Psychology**

*4 Class Hours 4 Quarter Credit Hours*

*Prerequisite: EN 100*

This introductory course in psychology is a survey of the multiple aspects of human behavior. It includes, but is not limited to, such topics as the history of psychology, the biological foundations of behavior, memory, learning, personality, psychological disorders and treatment and social behavior. Importantly, this course will be geared to stress those areas of more practical significance for those in medical service fields.

**PS 202 Psychology of Healthcare**

*4 Class Hours 4 Quarter Credit Hours*

*Prerequisite: EN 100*

This course addresses the human element of clinical competence in providing health care. Students will explore the psychodynamics of interactions between health care workers and patients, the psychological influences of illness and pain, the psychosocial factors that impact one's effectiveness as a health care team member, the impact of families on a patient's treatment plan, the role of body image in patient responsiveness to treatment, and a variety of other psychosocial factors that influence health care delivery.

**PS 203 Psychology of Happiness**

*4 Class Hours 4 Quarter Credit Hours*

This course will explore the psychological principles associated with the experience, feelings and thoughts of happiness. Students will be exposed to a variety of research investigations that have studied different variables that impact happiness. Some of the subtopics discussed in this course include ways to define and measure happiness, differences and similarities in happiness across cultures, happiness and money, and ways to increase happiness.

**PS 210 Human Relations in the Workplace**

*4 Class Hours 4 Quarter Credit Hours*

Major skill areas covered in the course include making a good impression with your employer, managing conflict with difficult coworkers, working on a team with diverse groups of people, providing exceptional customer service, and managing on-the-job stressors. This course provides a set of practical human relations techniques that will help students increase the likelihood of job security and career advancement in any current or future job.

**Science (Math/Science Core)**

**SCI 110 Environmental Science**

*4 Class Hours 4 Quarter Credit Hours*

This course will focus on man's interaction with his environment. It will cover current issues like global warming, human population growth, and pollution.

**Sociology (Social Sciences Core)**

**SO 203 Social Problems**

*4 Class Hours 4 Quarter Credit Hours*

This course will examine contemporary social issues from multiple perspectives. Attempts to see the ethics, the arguments and the policy outcomes involved in problems such as drug abuse, crime, poverty and the global environment.

**SO 220 Internet and Society**

*4 Class Hours 4 Quarter Credit Hours*

*Prerequisite: B- or better in EN 100*

*Internet and Society* is an online course that focuses on the impact of the Internet on our lives. The goal of this course is to encourage students to think deeply and critically about the reality of living in a technology-driven society and how technological change influences work, families, social lives, education, and privacy.

**SO 231 Crime and Deviance**

*4 Class Hours 4 Quarter Credit Hours*

*Prerequisite: EN 100*

This course traces the historical development of crime and deviance. A review of the social, physiological, and psychological theories of crime are examined. Topics such as the history of policing and the history of corrections are also reviewed.

**Spanish (Arts/Foreign Language Core)**

*These courses are designed for students with no prior knowledge of Spanish.*

**SP 201 Introduction to Spanish**

*4 Class Hours 4 Quarter Credit Hours*

This course will introduce students to the Spanish language with an emphasis on the use of Spanish in the workplace. Students will learn to communicate with customers and other employees in Spanish with a focus on basic vocabulary words used in everyday interactions at the workplace. Topics covered include conversational skills as well as key principles of Spanish grammar and cultural traditions in Spanish-speaking countries.

**SP 203 Spanish for Healthcare Workers**

*4 Class Hours 4 Quarter Credit Hours*

This course will introduce students to the Spanish language with an emphasis on the use of Spanish in the workplace. Students will learn to communicate with Spanish speaking patient and family and other employees in Spanish with a focus on basic vocabulary words used in everyday interactions at the workplace. While each class will emphasize conversational skills, the course will also cover some key principles of Spanish grammar and provide some exposure to a variety of cultural traditions in Spanish-speaking countries.

**Social Sciences (Social Sciences Core)**

**SS 140 Criminal Investigations**

*4 Class Hours 4 Quarter Credit Hours*

In this course, students will get exposure to a wide range of interpersonal and scientific factors that are explored by criminal investigators in their efforts to support hypotheses developed to solve a variety of crimes. Some of the course topics will include the appropriate collection of evidence at a crime scene, techniques for interviewing witnesses and suspects, the role of the crime lab, the science of fingerprinting, forensic medicine, and the preparation of testimony that leads to the conviction of criminals.

**SS 201 American Government in Action**

*4 Class Hours 4 Quarter Credit Hours*

*Prerequisite: EN 100*

This is an introductory course that will help students understand how the pieces of American government fit together, and how politics continuously affects their lives. Students will examine the roles of interest



groups, the media, political parties and the three branches of government. Class discussions about relevant and current political issues will be encouraged.

**SS 203 Terrorism and National Security**

*4 Class Hours 4 Quarter Credit Hours*

*Prerequisite: EN 100*

This course examines the challenge contemporary terrorism presents for U.S. national security. It investigates the causes of terrorism and inquires into the motives, objectives, methods, and effectiveness of contemporary terrorist groups with an emphasis on al Qaeda. Analysis of the determinants of American counter-terrorism policies and evaluation of the effectiveness of these initiatives are central themes of the course. As such, evaluation of the roles the invasion of Afghanistan, the Iraq War, covert operations, domestic and foreign internal security initiatives, and global law enforcement operations have played in addressing the terrorist threat are major points of emphasis.

**SS 204 Juvenile Justice System in America**

*4 Class Hours 4 Quarter Credit Hours*

*Prerequisite: EN 100*

The course is designed to explore the components of the juvenile justice system in America. The various features, characteristics, policies and concerns about the juvenile justice system are carefully examined. As part of the review, adolescent behavior and influence of the family dynamic will be discussed. The detention of juveniles, the various programs focused on the diversion of youths from the juvenile justice system, rehabilitation programs and prevention programs will also be reviewed.

**SS 210 Personal Financial Planning for Wealth and Success**

*4 Class Hours 4 Quarter Credit Hours*

This course is designed to help students make the complex world of financial planning simple to understand by developing a “real life” comprehensive personal financial plan that will help them achieve financial security and independence. Students will actively address their current and projected future financial situation upon graduation. Topics covered will include personal budgeting; controlling spending and eliminating wasteful spending; cash and credit management; investments & investing wisely; making major purchases including home and car; understanding health, life, home and auto insurance needs; the ins and outs of renting; and how to use the consumer protection resources that are available to them under the law.

**SS 221 Technology and American Life**

*4 Class Hours 4 Quarter Credit Hours*

*Prerequisite: EN 100*

The course, based on abstract thinking and analysis, examines the interactive relationship between technology and society over historic time and across geographic space. The course will address basic questions about technology and its place in society. Students will be able to evaluate the impact of social change on their lives, and the impact of their technology on changing the social system.

**SS 222 Mindful Living**

*4 Class Hours 4 Quarter Credit Hours*

On a single day, how often do you find yourself pulled in multiple directions? In a world inundated with information, and increasingly demanding of our time and attention, it can be overwhelming to know how to even begin prioritizing what is important. What if there were something you could do to increase your productivity, reduce anxiety and stress, and be more fully present in your daily experiences? Welcome to the practice of mindfulness –sustained, purposeful, moment-to-moment attention without judgement. Research studies have shown that a regular mindfulness practice yields concrete physical and emotional benefits, including reduced stress, decreased physical pain, increased concentration, and a happier mindset. In this course, you will learn different ways to practice mindful living.

## **Questions and Answers**

### **1. When do my classes meet?**

Day Classes: Technical classes normally meet for at least three hours a day for up to five days a week. Classes normally begin in the early morning (7:45 a.m.), late morning (usually 11:25 a.m.), or mid-afternoon. The time slot for your program may vary from term to term.

In addition, to achieve your associate's degree, you will take a total of approximately eight liberal arts courses, which will be scheduled around your technical schedule over the course of your entire program. Each liberal arts course meets approximately four hours per week. Liberal arts courses are offered days, evenings, and Saturdays.

At the beginning of each term you will receive a detailed schedule giving the exact time and location of all your classes. The College requires that all students be prepared to take classes and receive services at any of NEIT's locations where the appropriate classes and services are offered.

When a regularly scheduled class falls on a day which is an NEIT observed holiday (Columbus Day, Veterans Day, Martin Luther King, Jr. Day, and Memorial Day), an alternate class will be scheduled as a make up for that class. The make up class may fall on a Friday. It is the student's responsibility to take note of when and where classes are offered.

### **2. How large will my classes be?**

The average size for a class is about 20 to 25 students; however, larger and smaller classes occur from time to time.

### **3. How much time will I spend in lab?**

Almost half of your technical courses consist of laboratory work. In order for you to get the most out of your laboratory experiences, you will first receive a thorough explanation of the theory behind your lab work.

### **4. Where do my classes meet?**

Students should be prepared to attend classes at any of NEIT's classroom facilities: either at the Post Road, Access Road, or East Greenwich campus.

### **5. I have not earned my high school diploma or GED: can I enroll in an Associate's Degree Program?**

A candidate for admission to an associate degree program must have a high school diploma, have earned a recognized equivalency diploma (GED), or meet the federal home school requirements.

### **6. How long should it take me to complete my program?**

To complete your degree requirements in the shortest possible time, you should take the courses outlined in the prescribed curriculum. For a typical six-term curriculum, a student may complete the requirements in as little as 18 months.

To complete all your degree requirements in the shortest time, you should take at least one liberal arts course each term.

Students may also elect to complete some of their liberal arts requirements during Intersession (except for EN courses), a five-week term scheduled between Spring and Summer Terms. Students will not be assessed any additional tuition for liberal arts courses taken during the Intersession but may be assessed applicable fees.

Students wishing to extend the number of terms to complete the required technical courses in their curriculum will be assessed additional tuition and fees.



It is in the best interest of students to adhere to the prescribed curriculum without interruption. Students who are not enrolled during one or more terms of their program may find that there is a wait list in place for their program at the time they want to return to NEIT. Students should check with their Student Advisor for further details about wait list procedures.

#### **7. Is NEIT accredited?**

NEIT is accredited by the New England Commission of Higher Education. Accreditation by NECHE is recognized by the federal government and entitles NEIT to participate in federal financial aid programs. Some academic departments have specialized professional accreditations in addition to accreditation by NECHE. For more information on accreditation, see NEIT's catalog.

#### **8. Can I transfer the credits that I earn at NEIT to another college?**

The transferability of a course is always up to the institution to which the student is transferring. Students interested in the transferability of their credits should contact the Office of Teaching and Learning for further information.

#### **9. Can I transfer credits earned at another college to NEIT?**

Transfer credit for appropriate courses taken at an accredited institution will be considered for admission based on the following table and upon receipt of an official transcript:

Courses	Age of Courses	Grade Needed for Transfer to ST
EN 100 Introduction to College Writing		B- or above
EN 200 Workplace Communications (or EN 110 Healthcare Communications)		B- or above
MA 109 Math for Life Sciences		B- or above
English/Communications Liberal Arts Courses	10 years old	C or above
Math Course	3 years old	C or above
Biology Course	3 years old	C+ or above
Science Course	3 years old	C+ or above
Major Courses	3 years old	C+ or above

\* For evaluation of previously earned surgical technology credits, an official transcript from the institution(s) and copies of relevant course syllabi and course descriptions must be received. Course syllabi and descriptions are evaluated to determine whether surgical technology course content is similar in content, rigor and credit hours to those in the NEIT curriculum.

The Office of Teaching and Learning maintains the prerogative to waive these requirements based upon individual review.

An official transcript from the other institution must be received before the end of the first week of the term for transfer credit to be granted for courses to be taken during that term. Students will receive a tuition reduction for the approved major courses based on the program rate and will be applied against the final major term of the curriculum's tuition amount. No tuition credit is provided for courses which are not a part of the major curriculum. If the student has a degree from another institution, every opportunity will be reviewed to give the student as many transfer credits as possible for liberal arts courses (math, science, English, humanities, and social sciences) regardless of the age of the degree. Courses in the major will be reviewed individually for relevancy.

#### **10. What is the "Feinstein Enriching America" Program?**

New England Institute of Technology is the proud recipient of a grant from the Feinstein Foundation. To satisfy the terms of the grant, the College has developed a one-credit community enrichment course which includes hands-on community enrichment projects. The course can be taken for a few hours per

term, spread over several terms. Students who are already engaged in community enrichment on their own may be able to count that service towards course credit.

**11. How many credits do I need to acquire my Financial Aid?**

In order to be eligible for the maximum financial aid award, you need to maintain at least 12 credits per academic term.

**12. What does my program cost?**

The cost of your program will be as outlined in your enrollment agreement, along with your cost for books and other course materials. Students who decide to take more terms than the enrollment agreement describes to complete the technical courses in their curriculum will be subject to additional fees and possible additional tuition costs. Students who elect to take the technical portion of the degree requirements at a rate faster than the rate prescribed in the curriculum and the enrollment agreement will be assessed additional tuition.

Students who require prerequisite courses will incur additional tuition and fees above those outlined in their enrollment agreement.

If a student elects to take a course(s) outside of the prescribed curriculum, additional tuition and fees will be assessed.

Remember, students who withdraw and re-enter, one time only, pay the tuition rate that was in effect for them at the time of their last day of attendance for up to one year from their last day of attendance. Second re-entries and beyond pay the tuition rate in effect at the time they re-enter. The most economical way for you to complete your college degree is to begin your program now and continue your studies straight through for the terms necessary to complete your degree requirements.

**13. What kind of employment assistance does NEIT offer?**

The Career Services Office assists NEIT students and graduates in all aspects of the job search, including resume writing, interviewing skills, and developing a job search strategy. Upon completion of their program, graduates may submit a resume to the Career Services Office to be circulated to employers for employment opportunities in their fields. Employers regularly contact us about our graduates. In addition, our Career Services Office contacts employers to develop job leads. A strong relationship with employers exists as a result of our training students to meet the needs of industry for over fifty years. No institution can, and NEIT does not, guarantee to its graduates employment or a specific starting salary.

**14. Where will job opportunities exist?**

Graduates have obtained employment in the local area. However, one of the most exciting aspects of this program is the ability to look nationally for employment opportunities.

**15. Will this program prepare me for a national certification exam?**

Yes. The National Board of Surgical Technology and Surgical Assisting (NBSTSA) offers a national certification exam. You must complete the entire course of Surgical Technology study including clinical before you become eligible to sit for this exam. All students must take the certification exam. The Surgical Technology program will assist you in making arrangements for the certification exam.

**16. Does this program have a dress code?**

Yes. Students are required to wear teal green scrubs just like in a "real" surgical setting as well as a white lab coat. You will be provided with the name of the uniform store during your meeting with the admissions officer and the procedure to obtain them. Uniforms are required for all ST lab courses as well as for clinical. Students must wear their uniform for their first class of ST 101. Students are not permitted to have long nails, artificial nails, nail polish, facial and tongue piercings.

**17. What is a Surgical Technologist?**

A Surgical Technologist is an integral member of the surgical team who works closely with surgeons, anesthesiologists, registered nurses, and other surgical personnel delivering patient care and assuming appropriate responsibilities before, during, and after surgery.

**18. Who employs Surgical Technologists?**

A majority of surgical technologists work in hospitals, principally in operating rooms, and occasionally in emergency rooms and other settings that call for knowledge of ability in maintaining asepsis. There are other options for a Surgical Technologist, such as outpatient surgicenters, private employment by physicians or other self-employed technologists. As with many specialized professions, there may be more career opportunities for those who are willing to relocate.

**19. What types of tasks are done by a Surgical Technologist?**

You may be involved in many of the following tasks:

**PREOPERATIVE DUTIES**

- Prepare the OR by selecting and opening sterile supplies.
- Assembling, adjusting, checking, and maintaining non-sterile equipment to ensure that it remains in proper working order.
- Assist in preparing patients for surgery by providing physical and emotional support, checking charts, and observing vital signs.
- Properly positioning the patient on the OR table.
- Assist in connecting and applying surgical equipment and/or monitoring devices and prepare the incision site by cleaning, shaving, and disinfecting the skin with an antiseptic solution.
- Assist the physician with gowning and gloving as well as the application of sterile drapes that isolate the operative site.

**OPERATIVE DUTIES**

- Common duties during surgery include operating sterilizers, lights, suction machines, electrosurgical units, and diagnostic equipment.
- Hold retractors or instruments, sponge or suction the operative site, or cut suture materials as directed by the surgeon.
- Sterile member of the surgical team who passes instruments, sutures and sponges, needles and instruments before, during, and after surgery.
- Anticipate the instrumentation needs of the surgeon.
- Participate jointly in counting sponges, needles and instruments before, during, and after surgery.
- Connect drains and tubing and receive and prepare specimens for subsequent pathologic analysis.

**POSTOPERATIVE DUTIES**

- Responsible for preparing and applying sterile dressings following the procedure.
- Assist in the application of non-sterile dressings, including plaster or synthetic casting materials.
- Help transfer patients to the recovery room.
- Clean and stock the operating room for the next operation(s).

**20. Will I actually have the opportunity to practice these skills in a real surgical situation while still in school?**

Yes. The laboratory practicum during the second academic year requires students to actually go to a hospital operating room and experience first-hand the duties which you will some day practice on your own. NEIT's own surgical suite will serve as the site of your on-campus operating room practice during your first academic year. Operating room laboratories may take place in delivery rooms, hospitals,

surgicenters, central supply departments, endoscopy departments, and freestanding operating suites.

Students are required to scrub in a minimum of 120 cases in the first and second scrub role as stipulated by the Association of Surgical Technologists (AST) Core Curriculum for Surgical Technology, 6th edition. Students will scrub in general and a variety of surgical specialty procedures.

**21. How much time will I spend in the OR while still in school, and how will that course work?**

Actual hospital OR experience begins in the 4th term at the start of the second academic year. You will be assigned to 1-3 clinical sites where you will build on your acquired skills during 540 contact hours of clinical experience. The ST Clinical Director will assign each student to their clinical placement sites. The College cannot guarantee that placement for internships will be in or near the student's hometown. Students may be required to commute up to an hour from their home. **The university does not provide transportation to internship sites. The university does not reimburse students for traveling expenses (parking, mileage, etc.).**

**22. If I should experience a disruption in my continuity between my clinical experiences and/or my ST Lab courses, is there a laboratory skill refresher course(s) that might be available to me?**

ST 98 and/or ST 99 are mandatory courses for students who have had a disruption of continuity in clinical and/or ST Lab courses. They are designed to strengthen and reinforce the lab competency skills necessary to progress into the next term or for entry into clinical placement. The reviews are pass/fail, noncredit clinical preparatory courses. Students must pass these courses in order to progress into the next term or into clinical. Students who enroll in these courses must have the Department Chairperson's approval.

**23. Where do you go for the Surgical Tech Lab Practicum which requires time in an actual OR? Will that site be provided for me or must I find a site on my own?**

NEIT is affiliated with many hospitals in the tri-state area of Massachusetts, Rhode Island, and Connecticut. You will be assigned to 1 - 3 sites to complete your experience. It is important to note that hospital practicums will be scheduled for early AM hours (7:00 a.m.) when most surgery is scheduled. The clinical experience is only offered Tuesday through Thursday from 6:45 a.m. to 3:45 p.m. No weekend, late afternoon, or evening clinical time is available. Clinical is three full days.

**24. What are the requirements for admission into the Surgical Technology program?**

All students will complete the Accuplacer Assessment after they enroll with admissions. After completing the Accuplacer Assessment, students will consult with an advisor. If assessment scores meet the criteria on the first attempt for the Surgical Technology program, students will be enrolled directly into the Surgical Technology program. To prepare for the Accuplacer test, it is recommended that students take the Accuplacer Practice Test. The practice test can be found at this website. <https://accuplacerpractice.collegeboard.org/login>. If students do not meet the admission requirements, they can enroll into the Health Science program. If the students meet the requirements after the first two terms of the Health Science curriculum, the student can transfer into the ST program.

**If the ST program has a waitlist, the Admissions Department will keep you informed regarding your waitlist status.**

**25. Do I need to maintain a certain grade point average?**

Yes, the following academic policies apply for all students in the Surgical Technology program.

**Department of Surgical Technology Policies**

1. Every student enrolled in the Associate in Science Degree in Surgical Technology (ST) is required to obtain a minimum grade of C+ (77%) for every ST and Biology (BIO) course, and a C (73%) in AHS 102.
2. A student who receives less than a C+ (77%) in a ST or BIO course cannot advance to the next term.
3. Students who need to repeat a ST course may be admitted in the next term when the course is offered and space is available.
4. A student must maintain a cumulative grade point average of at least 2.33 throughout the program. Inability to meet the 2.33 GPA will lead to dismissal.
5. Students who fail to achieve the above stated grades must meet with the ST Department Chair or the Student Advisor for the ST program to discuss modifications to their class schedule. Failing to achieve a required grade may delay a student's graduation date. Failure to progress may also have financial implications. Each student is responsible for meeting with Student Accounts and Financial Aid personnel to discuss his or her individual situation.
6. Surgical Technology students are allowed only one withdrawal from a ST or BIO course during their program of study. Students will be allowed to repeat one ST and one BIO course and must earn a grade C+ (77%) or better to remain in the program.
7. A student may repeat only one failed (less than C+) ST course over the course of the program. A student who earns less than a C+ in the repeated course or any other ST course will be dismissed from the program.
8. A student may repeat only one failed (less than 77%) BIO course over the course of the program. A student who earns less than a C+ in the repeated course or any other BIO course will be dismissed from the program.
9. A student who does not earn at least a C+ (77%) in two ST courses, or at least a C+ (77%) in two BIO courses, or one of each, will be dismissed from the program.

**26. Are there any additional costs/activities associated with this program?**

Besides uniforms and textbooks, a complete physical exam, immunizations, blood work, and other testing at your own expense is required prior to internship experiences in outside facilities. Personal negligence and malpractice insurance is also required by affiliating facilities where internships are scheduled. A course in Cardiopulmonary Resuscitation (CPR) is required some time during the 2nd and 3rd technical terms through the American Heart Association (CPR-C, Healthcare Provider Course). **A 3-injection series of immunizations for protection against Hepatitis B is mandatory.** Students must also receive positive titer. There are mandatory Blood Borne Pathogen training modules that a student must take prior to entering the clinical rotation. Please note that some clinical facilities may require drug testing and this will be at the student's expense. Clinical facilities have the right to deny a clinical placement due to the results of the drug test.

The following items, at the student's expense, are required for this program:

1. A complete physical examination, immunizations, blood work, and other testing prior to internship experiences in outside facilities.
2. Personal negligence and malpractice insurance required by affiliating facilities where internships are scheduled.
3. A course in Cardiopulmonary Resuscitation (CPR), offered through the American Heart Association (CPR-C, Healthcare Provider Course), sometime during the 2nd and 3rd technical terms.
4. A criminal background check.
5. The NBSTSA national Certification Technologist exam is required for each student.
6. A mandatory 3-injection series of immunizations for protection against Hepatitis B, and receipt of a positive titer.
7. Mandatory training modules on Blood Borne Pathogens prior to entering the clinical rotation.



**27. Must I attend classes during the summer 6-week intersession?**

Yes. Surgical Technology students without transfer credits from another college will need to complete a Humanities/Social Science elective during Summer intersession. Both of these courses are required prior to entering term 4.

Terms 1, 2, 3, and intersession (including Humanities and Social Sciences) must be completed in order to enter Term 4 when hospital based clinical experience begins. By contract, affiliating institutions will accept 2nd academic year students.

Terms 4 & 5 (including Humanities & Social Sciences) must be completed in order to enter Term 6. Students are eligible to take The National Board of Surgical Technology and Surgical Assisting (NBSTSA) certification exam at the close of Term 6.

**28. Are there any behavior standards for this program?**

ST students are expected to exhibit professional behavior on an ongoing basis. This will be assessed on a continual basis and will not only encompass grades, but also adherence to classroom protocol, laboratory safety, attendance, participation and preparedness for class, appearance, ability to work as a team member, and general professional behavior is required. Clinical placement is dependent on the above.

**29. Are there evening classes?**

Students are able to attend *evening* liberal arts classes during Terms 1 through 3.

**30. Do I need to have a Criminal Background check?**

All ST students are required to have a national criminal background check. The Joint Commission requires all healthcare facilities which they accredit to perform a national criminal background checks on students. Prior to entering fieldwork, students will be required to undergo a criminal background check. It will be necessary for students to sign a Consent and Disclaimer permitting NEIT to perform a criminal background check and a Release and Authorization permitting NEIT to disclose the results of the criminal background check to a clinical site where the student is being considered for placement. Students have an obligation to self-disclose to the Department Chair any criminal convictions or pending criminal federal, state or local charges which occur after a criminal background check has been performed. When they do, the student must undergo an updated background check. If a background check reveals any criminal convictions, the student may be disqualified from a clinical placement or employment in the field. When a student is declined a placement by a site as a result of a positive background check, another attempt will be made to place a student in a clinical site. Students assume the cost for all background checks. Some clinical sites may require drug testing and/or finger printing of students.

NEIT makes no guarantee that once a student is matriculated, the student will be able to attend any fieldwork training setting or sit for the national certification if the student has a prior criminal conviction. This is the student's responsibility to discover what they must do to manage a positive criminal background investigation.

**31. Is there an Attendance Policy in the Surgical Technology program?**

To be successful in the Surgical Technology program, students are expected to attend every lecture and laboratory class in both surgical technology and biology courses. It is essential at the clinical site as well. Data has shown that poor attendance impacts the quality of the student's work and their success in the program.

Professional behaviors such as attendance are an integral part of becoming a surgical technologist. In preparing to become members of the healthcare team, students in the Surgical Technology program must acknowledge how their actions affect others and take responsibility for their own actions. All Surgical

Technology faculty value and require active participation in classes, your lateness, leaving early, or absence has negative effects on everyone.

Attendance is based on time in class, from beginning to end of each session. Any student missing more than 20% of overall class time in either the Surgical Technology lecture or the Surgical Technology lab will automatically fail the course. There will be no exceptions. Additionally, all work missed due to absence, leaving early, or tardiness, regardless of cause, must be made up to the satisfaction of the instructor. A student who knows that he or she will be absent is expected to call the instructor in advance. The student is responsible for getting assignments from instructors in advance so that the necessary work will be completed before the student leaves or immediately upon his or her return. Speaking to a classmate about what you missed is not a substitute for speaking to your instructor. Students must take responsibility for contacting the instructor regarding class, lab or clinical that was missed. Students should also be aware that quizzes, tests and classroom assignments cannot be made up. Missing a laboratory session does not release the student from his/her responsibility for laboratory content.

To meet the accreditation standards for clinical surgical case requirements, students are expected to attend all clinical days. Failure to meet these standards will result in the student's inability to meet graduation requirements. Any students missing more than 10% of a clinical course will automatically fail the course. There will be no exceptions.

**32. Is the COVID-19 vaccination required for the ST program.**

The Surgical Technology (ST) clinical affiliates have different COVID-19 vaccination requirements than the university's requirements. The clinical affiliates have a responsibility to their employees and patients to minimize the risk of exposure to the COVID-19 virus. Therefore, all clinical affiliates require ST students to provide proof that they have received the COVID-19 vaccination along with one booster. If a student chooses not to be vaccinated the ST program may not be able to assign a student a clinical site. This will prevent the student from completing the program. Clinical sites may have exemptions for their employees; however, most clinical sites do not accept exemptions from students as they are guests at their facility.

If a clinical site has exemption requirements it is the student's responsibility to submit any required documents and follow the clinical affiliate's COVID-19 protocol. It is up to the clinical facility to grant or deny the exemption based on the documentation provided by the student. The university has no control over policies mandated by the clinical affiliates. Students will not know if their exemption is approved by a clinical site until their fourth term.

If an exemption is granted, individuals may also be asked to complete regular COVID-19 testing, often on a weekly basis. Additional PPE protocols may also be required. The student will assume responsibility for any additional costs associated with the exemption protocols.

Students may not be able to complete all of the clinical requirements at one clinical site. If a student needs to be assigned more than one clinical site, the student will need to apply for an exemption at each clinical site they are assigned to.

The failure to comply with the clinical affiliate's policies with regard to vaccination and/or exemption requirements will result in being dismissed from the ST program.

In the event the exemption is denied, the ST student will be unable to complete the ST program.

## **Technical Standards**

In addition to the acquisition of the appropriate knowledge in the sciences and humanities, the faculty of the New England Institute of Technology Surgical Technology Program have determined that the essential requirements for the successful completion of an Associate Degree in Surgical Technology require that the student possess and be able to demonstrate, with or without reasonable accommodation, the following skills and abilities.

### **Cognitive Abilities**

- Ability to learn, remember and recall detailed information and to integrate it for problem solving.
- Ability to organize or reorganize information presented in curriculum materials and problems.
- Ability to use abstractions in specific concrete situations.
- Ability to break information into its component parts.
- Ability to understand spatial relationships such as differing depths of organs and cavities.
- Ability to comprehend basic mathematic principles and count to 200 in English.
- Ability to perform tasks learned by demonstrations.
- Ability to perform tasks following verbal instructions.

### **Communications Skills**

- Ability to communicate effectively with faculty, patients, physicians and other hospital staff.
- Ability to read English sufficiently to comprehend college level text books, a physician's preference card, medication labels, package directions and patient charts.
- Ability to write English sufficiently to record legibly information contained in course assignments, a physician's preference card and label medications.
- Ability to demonstrate and use the knowledge acquired during the classroom training process and in the clinical setting to identify appropriately, pertinent patient information and transmit the information, promptly, effectively, efficiently and sensitively to appropriate personnel even when the time span available for communication is limited.
- Ability to express verbally, clearly and distinctly to enunciate, medical and surgical terminology even while wearing a facemask.
- Ability to express thoughts clearly.

### **Adaptive Ability.**

- Ability to maintain emotional stability and to have the maturity necessary to interact with other members of the faculty, students and surgical team in a professional manner.
- Ability to make decisions appropriate to the care of patients under stressful and demanding conditions.
- Ability to follow instructions and complete tasks under stressful and demanding conditions.
- Ability to adapt in a positive manner to new and changing situations with an open mind and with flexibility.
- Ability to work in an environment which may change rapidly in unpredictable ways, without warning.
- Ability to think clearly and act quickly and appropriately in an emergency situation.

### **Physical Ability**

- Ability to stand and perform extensive walking for 4-6 hours at a time with no breaks.
- Ability to sit for 4-6 hours at a time with no breaks.
- Sufficient strength to perform CPR (Cardiopulmonary Resuscitation) on both adult and pediatric patients.
- Sufficient upper body strength great enough to carry 50 pounds.
- Sufficient strength and agility to lift equipment, push stretchers and beds, and move large pieces of equipment.



- Sufficient strength and agility to grasp and maintain tension for long periods of time on tissues and bones using stainless steel retractors (some awkwardly shaped) and other operating room equipment.
- Sufficient strength to assist with positioning patients for and during surgery (e.g.: holding and lifting extremities in varying positions for surgical preparation and x-ray).
- Ability to wear and tolerate surgical masks and surgical gloves and other protective equipment including lead aprons.
- Ability to perform learned skills, independently, with accuracy and completeness within relatively short time frames in accordance with operating room procedure.
- Ability to perform exposure-prone procedures in accordance with recommendations set forth by the Center for Disease Control (CDC)\*.
- Ability to work in an environment where there are latex/latex-based products, and latex airborne particles such as dust and powder.

#### **Manual Ability**

- Sufficient manual dexterity and mobility to move stretchers, carts and equipment independently.
- Sufficient motor function and sensory abilities to participate effectively in the classroom laboratory and clinical setting.
- Sufficient manual dexterity and motor coordination to coordinate hands, eyes and fingers in the operation of medical and other equipment and surgical instruments.
- Sufficient fine motor control to manipulate microsurgical instruments.
- Ability to grasp, lift and carry instrument trays and various items of equipment.
- Agile enough to handle surgical instruments with both left and right hands at an extremely rapid pace.
- Ability to supinate and pronate at the wrist.

*\*The CDC recommends that Health Care Workers (HCW's) who are infected with AIDS (HIV) or Hepatitis B Virus (HBV) (and are Hepatitis B Antigen [HbeAg] positive) should not perform exposure-prone procedures unless they have sought counsel from an expert review panel and been advised under what circumstances, if any, they may continue to perform these procedures.*

#### **Sensory Ability**

##### Visual

- Visual ability, with or without correction, acute enough to differentiate surgical instruments, human anatomy and changes in the anatomy that occur during a surgical procedure.
- Visual ability, with or without correction, acute enough to read small printed labels on medications
- Visual ability, with or without correction, acute enough to read small numbers on instruments, implants and guides.
- Visual ability, with or without correction, acute enough to handle extremely fine suture material.
- Must have visual acuity corrected to 20/20 and visual perception with respect to color.
- Must be able to interpret reactions on slides, and test tubes, and visually identify cellular components and microorganisms under a microscope.
- Must be able to properly identify surgical sutures, medication labels, and other surgical supplies that are color coded.
- Must be able to view images for accuracy, view computer screens for extended periods, and participate in surgical procedures in dim light.

##### Auditory

- Auditory ability, with or without correction, acute enough to hear and understand words spoken by staff and physicians in an environment with a high level of noise in the background (such as, but not limited to: saws, drills, anesthesia equipment, radios, lasers, etc.) when muffled by protective equipment. Individuals with auditory processing disorder will not have the visual cues needed to assist in processing the spoken word.

## DEPARTMENT OF SURGICAL TECHNOLOGY

### UNIFORM POLICY

Please obtain your uniforms as soon as possible.

**All scrubs must be teal blue solid color.**

1. Pants (drawstring or elastic waist)
2. V-neck top
3. Lab Coat: Long white lab coat, to your knees; your choice of styles, but must be all white.
4. Shoes: Fluid resistant shoes. No clogs, backless or shoes with nylon or canvas inserts.

**Uniforms are to be worn during ST Lab classes and to Clinical.**

**DO NOT PURCHASE ANY OTHER STYLE OR COLOR!**

Revision 07/15

Students may purchase items for their uniforms online at Alexander's Uniforms <http://aucorporateapparel.com/>. At the site's homepage, click "New England Institute of Technology" from either the icon or the left tab, then select your department from the list. All items are priced to include a 15% discount. If you have any questions, contact Wendy Magnette via email at [wmagnette@alexandersuniforms.com](mailto:wmagnette@alexandersuniforms.com) or at 401-654-6500.

The required uniforms include:	
Teal Cherokee 4777 Unisex Scrub Top	\$11.05 (XXS-XL) \$13.60 (2X-5X)
Teal Cherokee 4100 Unisex Scrub Pant	\$11.90 (XXS-XL; XS S-XL 5) \$14.45 (S T-XL T) \$13.60 (2X-5X)
Meta 15112 Men's Lab Coat	\$17.85 (XS-XL) \$21.25 (2X-5X)
Meta 15113 Women's Lab Coat	\$17.85 (XXS-XL) \$21.25 (2X-5X)

You may also purchase your uniform items at Alexander's Uniforms at one of their three locations (recommended if you are unsure of the size): 1) *Rhode Island*: Marshall's Plaza, 1 Lambert Lind Highway, Warwick RI 02886, 860-889-7744, 401-654-6500; 2) *Connecticut*: 77 Salem Turnpike, Norwich, CT 06360, 781-762-1449; 3) *Massachusetts*: 500 Providence Highway, Norwood MA 02062. A Student ID is needed to ensure you receive your 15% discount at checkout.