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PROGRAM REQUIREMENTS

D.A.S., MAJOR IN SURGICAL TECHNOLOGY

Surgical technologists are members of the operating team who work closely with surgeons, anesthesiologists, RN's and other personnel to deliver patient care before, during and after surgery. Surgical technologists may earn professional credentials by passing a certifying exam. If successful, they are granted the designation of Certified Surgical Technologist (CST).

Graduates of the program have an opportunity to pursue an Associate in Applied Science with a major in General Technology.

The primary responsibility of surgical technologists is to maintain a sterile field by adhering to aseptic practice during a procedure. Through clinical and didactic instruction they learn to pass instruments, sutures and supplies during a procedure. They are taught to ensure the safety and well-being of all patients undergoing a surgical procedure.

The surgical suite is a dynamic and exciting place to work, but at times surgical technologists may be exposed to communicable diseases and certain unpleasant sights and sounds.

Employment opportunities are endless. With such a diverse educational background, jobs may be found in operating rooms, labor and delivery, central sterile processing, surgical assisting and emergency departments. Surgical technologists may elect to join organ procurement teams, medical sales, cardiac cath labs or product research.

The Surgical Technology program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), (www.caahep.org) 25400 US Highway, 19 North., Suite 158 Clearwater, FL 33763; (727) 210-2350) www.caahep.org, upon the recommendation of the Accreditation Review Council on Education in Surgical Technology and Surgical Assisting (ARC/STSA), (**www.arcstsa.org**) 6 W. Dry Creek Circle, Suite 110, Littleton, CO 80120, (303) 694-9262.

A brief description of program admission options is below. For more detailed information, please go to **www.ptc.edu/hsnis**.

To become eligible for entry into the Surgical Technology major studies coursework, applicants must complete the following:

1. Complete the following courses (minimum "C" grade required):
   - AHS 102
   - BIO 210
   - ENG 101
   - MAT 155
2. Minimum grade point average for the above coursework of 2.5. A GPA calculator can be found on the college website.
3. Good academic standing at the college.

Students are required to maintain a current American Heart Association "Basic Life Support" certification throughout the major studies courses.

Major Studies Courses: Completion of the Diploma in Applied Science with a major in Surgical Technology requires three (3) semesters upon acceptance to the major studies coursework.

GENERAL EDUCATION COURSES

COURSES	CREDIT HOURS
BIO 210* Anatomy and Physiology I	4.0
BIO 211* Anatomy and Physiology II	4.0
ENG 101 English Composition I	3.0
MAT 155 Contemporary Mathematics	3.0

SUBTOTAL: 14.0

REQUIRED CORE SUBJECT AREAS

COURSES	CREDIT HOURS
SUR 101* Introduction to Surgical Technology	5.0
SUR 102* Applied Surgical Technology	5.0
SUR 103* Surgical Procedures I	4.0
SUR 104* Surgical Procedures II	4.0
SUR 110* Introduction to Surgical Practicum	5.0
SUR 114* Surgical Specialty Practicum	7.0
SUR 116* Basic Surgical Procedures	3.0
SUR 120* Surgical Seminar	2.0

SUBTOTAL: 35.0

OTHER COURSES REQUIRED FOR GRADUATION

COURSES	CREDIT HOURS
AHS 102 Medical Terminology	3.0

SUBTOTAL: 3.0

TOTAL CREDIT HOURS: 52.0

*These courses require a minimum grade of "C" for this program.

A.A.S., MAJOR IN GENERAL TECHNOLOGY

The major in General Technology is designed to provide students with an opportunity to upgrade diploma or certificate programs into broader occupational degrees. The program is designed to be substantially individualized to meet the needs of employees who have or seek to have broad technical responsibilities. Total credit hours for this degree must equal 60 or more.

The major in General Technology requires that a student complete a minimum of 15.0 credit hours in General Education. These 15.0 hours need to be drawn from and include one course from each of the following:

**GENERAL EDUCATION
(MINIMUM 15 CREDIT HOURS)**

CREDIT HOURS

Mathematical Requirement
(MAT 170, MAT 102 or options below)*..........................3.0
ENG 101 English Composition I
(or ENG 165 Professional Communications) 3.0
Social/Behavioral Sciences Elective 3.0
Natural Sciences/Mathematics Elective.............................3.0
Humanities/Fine Arts Elective 3.0

*Approved math courses include: MAT 110, 111, 112, 120, 122, 123, 130, 140, 141, 155, 171, 220, 240, 242

**REQUIRED CORE SUBJECT AREAS
(MINIMUM 33 CREDIT HOURS)**
The student supplements the general education requirements with a minimum of 33.0 credit hours in Required Core Subject Areas. These courses are selected by the student and advisor to meet the particular employment needs and aspirations of the student.

The General Technology major allows a student to select coursework for becoming a multi-skilled technician. The

Required Core consists of a primary and secondary technical specialty.

PRIMARY TECHNICAL SPECIALTY
The primary technical specialty consists of a minimum of 21 semester hours credit in a single content area from an approved degree, diploma or technical education certificate program that is currently offered by the college.

SECONDARY TECHNICAL SPECIALTY
The secondary technical specialty consists of a minimum of an additional 12 semester hour credits from one of two options:

(1) 12 semester hour credits from an approved degree, diploma or technical education certificate program that is currently offered by the college, or
(2) 12 semester hour credits from an interdisciplinary mix of credits awarded for coursework from any program, military training, experiential learning and/or testing.

**OTHER HOURS FOR GRADUATION
(CREDIT HOUR RANGE 12-36)**
Technical colleges within the State Tech System may use the courses identified in this section of the model to adapt the program to meet the needs of local employers and students. The student may use credits in this section to develop a third technical specialty or to enhance the primary and secondary technical specialties. Credits should be chosen by the student under the guidance of his/her faculty advisor, for the purpose of allowing the student to adapt the program to his/her individual objectives. Courses in this section may include credits awarded for military training, experiential learning and testing.

PROGRAMS OFFERING THIS DEGREE OPTION
For more information on the guided program outlines for the A.A.S. Major in General Technology, please see the following areas in the catalog:

*For General Technology degree options in Health Science, please review our website at **www.ptc.edu/academics/degrees-diplomas-certificates** or contact your advisor.*

>>> Visit www.ptc.edu/surgical to learn more.