

## The Profession

Surgical Technology involves technical procedures in settings requiring aseptic (sterile) techniques and the use of surgical equipment and instrumentation. The program, jointly sponsored by the University of Arkansas for Medical Sciences and the Central Arkansas Veteran's Healthcare System (North Little Rock Division), emphasizes this technical competence. The surgical technologist works with skill and understanding in surgical processing, materials management, labor and delivery areas, as well as in the operating room.

The primary responsibility of the Surgical Technologist is maintaining the sterile field and being constantly vigilant that all members of the team adhere to proper aseptic techniques that prevent contamination or infection. He/she must anticipate the needs of the surgeon, pass instruments and provide sterile items in an efficient manner, as well as directly assist by handling tissue, using instruments, and providing wound exposure within the operative field. Surgical Technologists are in demand across the state. According to the U.S. Bureau of Labor Statistics, the median salary was \$39,920 in May 2010, with a range from approximately \$28,100 to \$57,330.

## The Program

The Surgical Technology program offers an Associate of Science degree.

### Preprofessional Curriculum

Associate of Science Degree: The following 34-35 semester credits (SC) are required from a regionally accredited college or university and must fulfill all College of Health Related Professions requirements regarding acceptance of transfer credit.

Area/Typical Course Title	Minimum Semester Credit
SCIENCE*	
Human Anatomy & Physiology (must cover all body systems) (4 SC if all body systems are covered)**	8
Microbiology	4
Computer Fundamentals	<u>3</u>
	15
MATHEMATICS	
College Algebra or Higher Level Mathematics	3
COMMUNICATIONS	
Speech	2
LIBERAL ARTS	
English Composition	6
American History or National Government	<u>3</u>
	9

## SOCIAL SCIENCE

Psychology	3
Sociology	<u>3</u>
	6

## ELECTIVES

**TOTAL** **34-35**

\*Science courses must be suitable for science or health professions majors and include a laboratory.

\*\*If a 4 SC course is accepted, the applicant is expected to complete 3 SC of an elective, bringing total credits to 34.

A final grade of "C" or better is required in each of the above courses. Documentation of successful completion is required by the date of registration for the first semester.

Actual course titles may vary among institutions. Consult the Department for preprofessional counseling.

### Full-Time Professional Curriculum

The following 31 semester credits (SC) are required in the professional portion of the curriculum:

Course #	Title	Semester Credit
<b>Fall (1)</b>		
SUT 2510	Basic Operating Room Techniques	5
SUT 2211	Basic Operating Room Techniques I Laboratory	2
SUT 2312	Medical Terminology	3
SUT 2313	Surgical Pathophysiology	3
SUT 2215	Clinical Practicum I	<u>2</u>
		15

### Spring (2)

SUT 2520	Advanced Operating Room Techniques	5
SUT 2221	Pharmacology for the Surgical Technologist	2
SUT 2222	Perioperative Practice	2
SUT 2425	Clinical Practicum II	<u>4</u>
		13

### Summer (3)

SUT 2231	Clinical Practicum III	2
SUT 2123	Professional Certification Seminar	<u>1</u>
		<u>3</u>
<b>TOTAL</b>		<b>31</b>

### Part-Time Professional Curriculum

A two-year program option is available to prospective students who must still complete some program prerequisites, or who wish to take a reduced course load due to work or family obligations. In order to be eligible for the part-time track, students must have completed at least 11 SC of the 17 SC of liberal arts, social sciences and/or communications pre-requisite courses prior to enrolling in the Surgical Technology program. The

remaining 6 SC must be successfully completed and documented by an official college/university transcript prior to registration for the second professional year. The part-time professional curriculum is five (5) semesters in length (fall, spring, fall, spring, summer).

### Certification

Completion of professional coursework in the Surgical Technology program does not itself insure certification. It does satisfy the eligibility requirement to apply for the national certification examination awarded by the National Board for Surgical Technology and Surgical Assisting. Successful candidates become Certified Surgical Technologists (CST), having demonstrated a commitment to maximum performance and quality patient care.



### Application Procedures and Deadlines

Associate of Science Degree Program: Applicants for admission into the fall semester of the professional phase of the program are accepted between September 1 and May 15 each academic year. The chairman of the department will notify applicants selected for admission. Class size is limited, and all applicants may not be selected for participation in the program. Individuals are encouraged to apply early, as qualified applicants may receive conditional acceptance to the program prior to the application deadline. Applicants may be accepted after the deadline depending on class capacity. Applicants must provide:

- Application for Admission:** The College of Health Related Professions Application for Admission.
- Application Fee:** A non-refundable application fee of \$20.00 is required and must accompany the application. If applying to multiple programs, a \$20.00 fee is required for the first program and \$10.00 for each additional program.
- Official Transcripts:** Arrange for each college and university you have attended to mail an official transcript directly to the CHRP Admissions Officer. If

you have completed no college/university level course work at the time of application, arrange for each high school you have attended to forward an official transcript. GED scores may be submitted for high school transcript, if appropriate. A cumulative grade point average of at least 2.0 is required to be considered for admission.

4. **Interview:** Qualified applicants are contacted after receipt of transcripts and the CHRP application form to arrange interviews.
5. **Testing Results:** Writing, reading, mathematical, and problem solving skills are evaluated at the time of the interview.
6. **Admission Requirements for International Applicants:** All applicants who are not United States citizens or permanent resident aliens or for whom English is not their native language must meet additional admission requirements. Please consult the Admission/Academic Information section of the CHRP Catalog found at <http://www.uams.edu/chrp/catalog/>.

Arkansas residency will be considered during selection for admission.

Applicants are considered without regard to race, color, gender, age, sexual orientation, religion, national origin or disability status as a criterion in deciding against any individual in matters of admission, placement, transfer, hiring, dismissal, compensation, fringe benefits, training, tuition assistance, and other personnel or educationally-related actions.

Upon acceptance into the Associate of Science professional program, students must complete the following admission requirements:

1. **CPR Certification:** Students must be certified in Basic Cardiac Life Support (BCLS, Health Care Providers) according to American Heart Association (AHA) standards prior to the first clinical course. The course must be administered or approved by the Department. The AHA "Heartsaver" and the Red Cross CPR course do not fulfill this requirement. All current CPR certifications which expire prior to the program graduation date will require recertification as a prerequisite to the first clinical course.
2. **Physical Examination:** Physical examination forms must be completed and signed by a physician and are due no later than three (3) weeks before the date of registration for the first semester.

For additional details contact the department (501) 526-4490 or the college admissions officer (501) 686-5730.

#### Fees

Shown below are fees for 2011-2012. Fees are subject to change without notice by action of the Board of Trustees, so contact the department chairman prior to registration to learn the exact fees. Note that all fees are due upon registration.

Tuition for all students:

Arkansas resident	\$220.00 per semester credit
Non-resident	\$534.00 per semester credit

Other fees (laboratory, liability insurance premiums, health fee, etc.)

Laboratory fee	\$250.00 fall semester
Technology fee	\$46.30 per semester
Student Health fee*	\$79.90 per semester
Student Clinic fee**	\$60.00 per semester
Student Liability insurance	\$13.00 per year

\* Central Arkansas full-time students only.

\*\*Most full-time students in Arkansas; additional information at (501) 686-5730.

Additional fees may apply; contact the department chairman prior to registration for exact fees.

Applicants may request financial aid information, which includes grants, scholarships, and student loans, from the UAMS Student Financial Services Office-Awards Division, 4301 West Markham, #864, Little Rock, AR 72205. Please call (501) 686-5451 or visit [www.uams.edu/studentfinancialservices](http://www.uams.edu/studentfinancialservices) for eligibility requirements.

This brochure describes the program requirements for the 2011-2012 academic year. While it is expected that most of the requirements will apply to 2012-2013 as well, some changes are likely. You are strongly advised to contact the department/program office to receive the latest information.

Telephone (501) 526-4490

[www.uams.edu/chrp/surgicaltechnology/](http://www.uams.edu/chrp/surgicaltechnology/)

Surgical Technology Program  
Department of Respiratory and Surgical Technologies  
College of Health Related Professions  
University of Arkansas for Medical Sciences  
4301 W. Markham Street, #737-1  
Little Rock, Arkansas 72205

# Surgical Technology

(501) 526-4490

[www.uams.edu/chrp/surgicaltechnology/](http://www.uams.edu/chrp/surgicaltechnology/)

The logo for the University of Arkansas for Medical Sciences (UAMS) features the letters "UAMS" in a bold, serif font. A red dot is positioned above the letter "A".

COLLEGE OF  
HEALTH RELATED  
PROFESSIONS

UNIVERSITY OF ARKANSAS  
FOR MEDICAL SCIENCES

2011-2012

College of Health Related Professions  
University of Arkansas for Medical Sciences  
Central Arkansas Veteran's Healthcare System  
4301 West Markham Street, #737-1  
Little Rock, Arkansas 72205