

# HEALTH EDUCATION DIVISION



# HEALTH EDUCATION DIVISION

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# HEALTH EDUCATION DIVISION DEPARTMENTS

## Admission Requirements for Nursing Programs

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The Health Education Division offers a variety of associate degree programs, certificates, diplomas, and courses that prepare students for successful employment in a number of health care industries upon graduation. These programs serve as an excellent way for students to learn skills that will allow them to contribute immediately to the organizations. Graduates can enter the workforce as a gainful employee with skills mastered through their course of study, practicums, and externships. Our highly qualified full-time and adjunct faculty provide real-world experience which allows students to envision the intricacies of their career choices and provides them with current knowledge and skills. Health Education classes are offered at the Pendleton and Easley campuses. We also provide instruction in many of the programs during the evening hours, as well as online and hybrid formats, to complement the busy schedules of students. Students seeking to achieve personal, academic and professional goals will benefit from excellence in teaching and advising. Our programs are highly recognized in the industry. All programs in the division are accredited through national agencies.

The Health Education Division offers a variety of programs for careers in **Nursing** (pages 134-136), **Health Professions** (pages 137-147), and **Veterinary Technology** (pages 148-150).

Admission requirements, medical requirements, entry to clinicals and competitive entry information is found within the program-specific areas of this catalog.

Most programs in the Health Education Division are limited access programs, meaning they have special, particular or additional admission and/or placement requirements beyond those normally required by the College. In many cases, these requirements include prerequisite classes that must be completed prior to the students' placement into courses in the particular program area. Clinical seating availability is limited in all health education programs. Applicants must complete TCTC admission requirements and the additional program clinical admission requirements.

Because prerequisite requirements may exist for limited access programs, the following curriculum displays are for information only and should not be interpreted as an exact representation of course progression. The information outlines program course requirements necessary for completing a particular program of study. Students should confer with their program advisor for more specific information.

It is the student's responsibility to be aware of limited access program admission, program progression and program prerequisite requirements. Students should confer with their program advisor anytime clarification or explanation is needed.

In addition to meeting general admission requirements, Health Education majors are required to meet the curriculum specific requirements outlined below:

- Students must complete recommended developmental studies courses based on course placement criteria.
- Students must have an institutional GPA of 2.0 or higher. There are additional progression requirements in the Catalog. Nursing (Associate Degree and Transition Nursing) require a grade of "B" or higher to progress in all NUR courses within the program. A student may repeat the maximum of two major courses. Students should also refer to individual program handbooks for additional information.
- A grade of "C" or higher is needed in all required courses within the the Practical Nursing Program. A student may repeat a maximum of two major courses. Students should also refer to individual program handbooks for additional information.
- Students must meet required divisional or program Technical Standards.
- Students who transfer into associate degree programs must have a transfer or institutional GPA of 2.5 or higher on previous college work (TCTC GPA supersedes any outside GPA). Students who transfer into Tri-County Technical College's nursing program will be required to submit a letter of good standing from their previous ACEN (Accreditation Commission for Education in Nursing) or CHE (Commission on Higher Education) approved program department



head or administrator. The letter should state that the student is eligible to continue in the program from which they are transferring. Nursing courses to be transferred must have been taken within the previous two years. Students who meet these requirements will then be required to pass both a comprehensive exam with an "80" or higher and demonstrate program skills competencies for any nursing course(s) for which the transfer credit is requested. If the student does not pass the exam(s), credit will not be awarded, and the student will be required to take the course and/or restart the clinical program. All students who wish to transfer into the nursing program will be required to submit an application through competitive clinical entry.

- Students who transfer into Associate Degree Nursing must have BIO 101, Biological Science I, prior to starting the clinical program.
- Students are required to carry professional liability insurance, which is obtained through the College.
- Some clinical agencies may require proof of personal health insurance. This is the sole responsibility of the student. Students should contact the Dean of Student Development for more information.
- Clinical agencies require criminal background checks for nursing. Certain clinical agencies may require more than one background check and/or drug screen. The results of the criminal background check and yearly drug screen determine if a student is eligible to enter clinical agencies. A student must be able to enter and/or remain in all clinical agencies to progress within a program. Inability to progress within a major for this reason will result in administrative withdrawal from the program. Note: Most Health Education programs require certification or licensure in order to use titles and/or practice the profession. Conviction of a felony, a plea of guilty to a felony, or certain misdemeanor convictions may make the applicant ineligible for certification or licensure. (Any student who may have concerns regarding Background Check results should contact the South Carolina Board of Nursing at (803) 896-4550 or <https://lir.sc.gov/> for further instructions related to State licensure.)

### Competitive Clinical Entry - Associate Degree Nursing

Competitive clinical entry guidelines have been implemented for Associate Degree Nursing students. Competitive clinical entry allows the most qualified students to enter the clinical portion of the program. Nursing students are strongly encouraged to have certified nursing assistant (CNA) training prior to the competitive clinical entry application process.

For the most current Competitive Clinical Entry information, interested students can go to [www.tctc.edu/nursing](http://www.tctc.edu/nursing) or contact the Health Education admissions liaison office (Pendleton Campus, Fulp Hall, Room 401, 864-646-1620) for more information. The application is an automated document found in the College's portal for eligible students.

To have eligibility, an Associate Degree Nursing student must:

- have a minimum transfer or institutional GPA of 2.5;
- have minimum AITS (Adjusted Individual Total Score) ATI TEAS score of 64%;
- participate in the Pre-Nursing Workshop and submit verification; and
- have taken BIO 101, ENG 101, MAT 120, and BIO 210 (or be

### Entry to Clinical Program

All students declare a program of study during the admissions process. Students may find the curriculum guide representative of their course of study by going to the TCTC public website, [www.tctc.edu](http://www.tctc.edu). It is the responsibility of the student to track the progress of program prerequisites. The student must meet with an assigned program advisor each semester for guidance to ensure prerequisite changes have not occurred. (Changes in program and curricular requirements can occur.) If an entrance policy changes for a particular program, the student's requirements will remain the same unless the student changes major, withdraws from enrollment, or is not enrolled for two consecutive terms. If such a withdrawal or non-enrollment occurs, the student is required to meet new entrance policies outlined in the current College Catalog.

### Health Education Medical Requirements

Students admitted to Health Education programs (except Veterinary Technology) must present proof of immunization or immunity to measles, mumps, rubella, and varicella (chickenpox) and annual flu vaccine. (Health forms are available from the Division Office or Department Head.) All students in Health Education programs (except Veterinary Technology) must have documentation of Tuberculosis status. Immunization to Hepatitis B is expected as a means to avert serious illness and to meet clinical agency requirements. A student who refuses immunization to Hepatitis B is required to sign a declination form, which will be kept in the student's file. Some clinical agencies will not require a signed declination form.



## Nursing Programs at Tri-County include:

- Associate Degree Nursing ..... page 134
- LPN Transition to RN ..... page 135
- Nursing Preparation ..... page 135
- Practical Nursing ..... page 136



registered for it) with a grade of “C” or higher. BIO 101, BIO 210, BIO 211, and BIO 225 courses (any that have already been taken) must have been completed within five years of entering the clinical phase of the Nursing program. BIO 101, BIO 210, BIO 211, and BIO 225 courses may be repeated only two times to achieve a passing grade. For those applicants whose required BIO 210 and BIO 211 courses are greater than 5 years old, the ATI Anatomy and Physiology test is required with a minimum score of 61% or higher. If the minimum score is not achieved, students are required to repeat BIO 210 and BIO 211.

Applications must be submitted each term until clinical entry occurs. Application deadlines will be firm. Information, such as detailed instructions, complete worksheet and policy, can be found at [tctc.edu/nursing](http://tctc.edu/nursing).

The program curriculum guide can be found on the TCTC public website at [www.tctc.edu/nursing](http://www.tctc.edu/nursing). It is the responsibility of the student to track the progress of program prerequisites. The student must meet with an assigned program advisor each semester for guidance and for confirmation that prerequisite changes have not occurred. (Changes in program and curricular requirements can occur.)

## Associate Degree Nursing

### Program Information

The Associate Degree Nursing program prepares men and women to function effectively as registered nurses in a health care team. Nursing theory is integrated with supportive courses from the humanities, mathematics, biological and behavioral sciences.

### Scheduling and Entry Options for Traditional Associate Degree Nursing

Entry is based on acceptance into the clinical portion of the program. Day and limited evening classes are available. Enrollment in the major courses begins in the Fall and Spring terms. Four semesters are required to complete the degree. Nursing courses build on each preceding course and must be taken in sequence. General Education courses are offered both day and evening and can be completed as outlined in the curriculum guide. Readmission and progression criteria in the Associate Degree Nursing program are different from those of the College as a whole. Completion of required nursing courses within three years of entry into the first nursing course must be attained or competency (didactic, skill, math) must be demonstrated.

[www.tctc.edu/nursing](http://www.tctc.edu/nursing)

### Program Accreditation

The Associate Degree Nursing (ADN) program is approved by the State Board of Nursing for South Carolina and accredited by the Accreditation Commission for Education in Nursing.

Contact: The Accreditation Commission for Education in Nursing (ACEN), 3390 Peachtree Road NE, Suite 1400, Atlanta, GA 30326. Telephone: 404-975-5000. Website: [www.acenursing.org](http://www.acenursing.org).

## NURSING (A.D.N.), A.A.S.

### Description

The Associate Degree Nursing Program prepares men and women to function effectively as registered nurses in a health care team. Nursing theory is integrated with supportive courses from the humanities, mathematics, biological and behavioral sciences.

NUR classes are offered only in the Fall and Spring Semesters.

### Program Outcomes

Upon completion, students will be able to:

- Advocate for patients and families across the lifespan
- Provide safe and effective patient care using nursing judgment
- Develop their role as a professional nurse
- Evaluate evidence-based practice to improve patient care

## LPN TRANSITION TO RN

The LPN Transition to RN program prepares men and women to function effectively as registered nurses in a health care team. Nursing theory is integrated with supportive courses from the humanities, mathematics, biological and behavior sciences.

NUR classes are offered only in the Fall and Spring Semesters.

### Program Outcomes

Upon completion, students will be able to:

- Advocate for patients and families across the lifespan
- Provide safe and effective patient care using nursing judgment
- Develop their role as a professional nurse
- Evaluate evidence-based practice to improve patient care

## NURSING PREPARATION CERTIFICATE

### Description

This certificate program prepares students to work in a variety of health care settings.

### Program Outcomes

Upon completion, students will be able to:

- Advocate for patients and families across the lifespan
- Provide safe and effective patient care using nursing judgement
- Develop their role as a professional nurse
- Evaluate evidence-based practice to improve patient care

Course Number	Course Title	Credit Hours
<b>FIRST SEMESTER</b>		<b>13</b>
BIO 101	Biological Science I	4
ENG 101	English Composition I	3
MAT 120	Probability and Statistics	3
	Humanities Requirement	3
<b>SECOND SEMESTER</b>		<b>16</b>
BIO 210	Anatomy and Physiology I	4
NUR 106	Pharmacologic Basics	2
NUR 120	Basic Nursing Concepts	7
PSY 201	General Psychology	3
<b>THIRD SEMESTER</b>		<b>15</b>
BIO 211	Anatomy and Physiology II	4
NUR 121	Intermediate Nursing Concepts	8
NUR 162	Psychiatric and Mental Health Nursing	3
<b>FOURTH SEMESTER</b>		<b>16</b>
BIO 225	Microbiology	4
NUR 229	Nursing Care Management IV	6
SPC 205	Public Speaking	3
	Program Elective	3
<b>FIFTH SEMESTER</b>		<b>8</b>
NUR 221	Advanced Nursing Concepts	5
NUR 230	Physical Assessment	3
<b>GRADUATION CREDITS REQUIRED:</b>		<b>68</b>

**\* NOTE:**

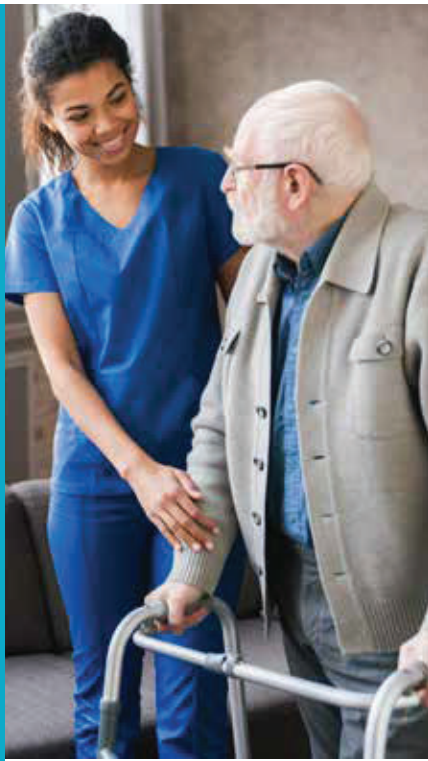
1. Program Electives are to be selected from any of the following: NUR 232, NUR 246, or NUR 274.

Course Number	Course Title	Credit Hours
<b>FIRST SEMESTER</b>		<b>15</b>
BIO 211	Anatomy and Physiology II	4
NUR 121	Intermediate Nursing Concepts	8
NUR 162	Psychiatric and Mental Health Nursing	3
<b>SECOND SEMESTER</b>		<b>16</b>
BIO 225	Microbiology	4
NUR 229	Nursing Care Management IV	6
PSY 201	General Psychology	3
	Program Elective	3
<b>THIRD SEMESTER</b>		<b>14</b>
NUR 221	Advanced Nursing Concepts	5
NUR 230	Physical Assessment	3
SPC 205	Public Speaking	3
	Humanities Requirement	3
<b>GRADUATION CREDITS REQUIRED:</b>		<b>68</b>

**\* NOTE:**

1. Program Electives are to be selected from any of the following: NUR 232, NUR 246, or NUR 274

Course Number	Course Title	Credit Hours
<b>FIRST SEMESTER</b>		<b>11</b>
AHS 102	Medical Terminology	3
AHS 163	Long-Term Care	5
NUR 115	Basic Concepts in Nursing	2
NUR 170	Nursing Applications	1
<b>GRADUATION CREDITS REQUIRED:</b>		<b>11</b>



# Practical Nursing

## Program Information

The Practical Nursing program prepares students for employment as beginning-level staff nurses working under the direction of a registered nurse or physician. Employment opportunities are available in a variety of settings, including long-term care facilities, physicians' offices and clinics, local public health departments, home health agencies and acute care hospitals.

## Scheduling and Entry Options

The course of study begins in the Fall Semester (day classes) and Spring Semester (evening classes) at the Easley Campus. Students complete requirements in two semesters and one Summer Term. General Education courses are offered both day and evening and can be taken with Practical Nursing courses or in any term prior to entering the curriculum. Completion of required nursing courses within three years of entry into the first nursing course must be attained or competency (didactic, skill, math) must be demonstrated as determined by the Department Head.

[www.tctc.edu/nursing](http://www.tctc.edu/nursing)

## Program Accreditation

The Practical Nursing program is approved by the State Board of Nursing for South Carolina and the Accreditation Commission for Education in Nursing. The Accreditation Commission for Education in Nursing, 3390 Peachtree Road NE, Suite 1400, Atlanta, GA, 30326, Telephone: 404-975-5000, Website: [www.acenursing.org](http://www.acenursing.org).

## PRACTICAL NURSING DIPLOMA

### Description

The Practical Nursing program prepares students for employment as beginning-level staff nurses under the direction of a registered nurse or physician.

The program has two entry points, Fall and Spring Semesters. The following course sequence reflects the Fall semester entry. Spring semester course sequence can be found in the Nursing Student Handbook.

### Program Outcomes

Upon completion, students will be able to:

- Perform nursing skills within scope of practice
- Apply the nursing process
- Communicate therapeutically
- Work effectively in a team
- Teach health-related concepts
- Maintain professionalism

Course Number	Course Title	Credit Hours
<b>FIRST SEMESTER</b>		<b>16</b>
BIO 101	Biological Science I	4
ENG 101	English Composition I	3
PNR 120	Medical/Surgical Nursing I	5
PNR 175	Practical Nursing Skills	4
<b>SECOND SEMESTER</b>		<b>16</b>
BIO 210	Anatomy and Physiology I	4
PNR 121	Fundamentals of Pharmacology	2
PNR 130	Medical/Surgical Nursing II	5
PNR 140	Medical/Surgical Nursing III	5
<b>THIRD SEMESTER</b>		<b>16</b>
BIO 211	Anatomy and Physiology II	4
MAT 120	Probability and Statistics	3
PNR 154	Maternal/Infant/Child Nursing	5
PNR 181	Special Topics in Practical Nursing	1
PSY 201	General Psychology	3
<b>GRADUATION CREDITS REQUIRED:</b>		<b>48</b>



# HEALTH PROFESSIONS

## Limited Access Programs, Acceptance Requirements & Curricular Sequence

Many of our health professions programs are limited access programs, meaning there are special, particular or additional admission and/or placement requirements beyond those normally required by the College. In many cases, these requirements include prerequisite classes that must be completed prior to the student's placement into courses in the particular program area. Clinical seating availability is limited in all health education programs. Applicants must complete TCTC admission requirements and the additional program clinical admission requirements.

Because prerequisite requirements may exist for limited access programs, the following curriculum displays are for information only and should not be interpreted as an exact representation of course progression. The information outlines program course requirements necessary for completing a particular program of study. Students should confer with their program advisor for more specific information.

It is the student's responsibility to be aware of limited access program admission, program progression and program prerequisite requirements. Students should confer with their program advisor anytime clarification or explanation is needed. In addition to meeting general admission requirements, health professions majors are required to meet the curriculum specific requirements outlined below:

- Students must complete recommended developmental studies courses based on course placement criteria.
- Students must have an institutional GPA of 2.0 or higher. There are additional progression requirements in the Catalog. A grade of "C" or greater is needed in all required courses within the EMT program to progress. A student may repeat a maximum of two major courses. Students should also refer to individual program handbooks for additional information.
- Students must meet required divisional or program Technical Standards.
- Students who transfer into associate degree programs must have a transfer or institutional GPA of 2.5 or higher on previous college work (TCTC GPA supersedes any outside GPA).
- Students are required to carry professional liability insurance, which is obtained through the College.
- Some clinical agencies may require proof of personal health insurance. This is the sole responsibility of the student. Students should contact the Dean of Student Development for more information.
- Clinical agencies require criminal background checks for health professions programs. Certain clinical agencies may necessitate more than one background check and/or drug screen. The results of the criminal background check and yearly drug screen determine if a student is eligible to enter clinical agencies. A student must be able to enter and/or remain in all clinical agencies to progress within a program. Inability to progress within a major for this reason will result in administrative withdrawal from the program. Note: Most Health Education programs require certification or licensure in order to use

## Health Professions Programs:

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Medical Assisting .....	page 142
Medical Laboratory Technology .....	page 143
Pre-Dental Hygiene.....	page 145
Pre-Pharmacy.....	page 146
Surgical Technology...	page 147

**Personal Care Aide (page 144) is offered through our I-BEST department. For details on I-BEST, see page 73.**

## Health Education Medical Requirements

Students admitted to Health Education programs must present proof of immunization or immunity to measles, mumps, rubella, and varicella (chickenpox) and annual flu vaccine. (Health forms are available from the Division Office or at [www.tctc.edu/med](http://www.tctc.edu/med)) All students in Health Education programs must have documentation of Tuberculosis status. Immunization to Hepatitis B is expected as a means to avert serious illness and to meet clinical agency requirements. A student who refuses immunization to Hepatitis B is required to sign a declination form, which will be kept in the student's file. Some clinical agencies will not require a signed declination form. Clinical agencies reserve the right to not accept declination forms for certain immunizations, i.e. flu vaccine.

titles and/or practice the profession. Conviction of a felony, a plea of guilty to a felony, or certain misdemeanor convictions may make the applicant ineligible for certification or licensure.

## Entry to Clinical Program

It is the responsibility of the student to track the progress of program prerequisites. The program curriculum guide can be found on the program pages on the TCTC public website, [www.tctc.edu/programs](http://www.tctc.edu/programs). The student must meet with an assigned program advisor each semester to obtain guidance and to ensure prerequisite changes have not occurred. (Changes in program and curricular requirements can occur.) Once prerequisites are completed, the student must print and complete the "Notice of Completion" form found on the public website under each program. The student is then required to meet with the Program Director or Department Head for signature verification of completion). The Program Director will submit this information to the Division Admission Liaison. When verified, the date on which this form is submitted then becomes the student's "Complete Date," and the student is placed on the Complete List for the specific program.

The Complete Date means the student is eligible to start the actual program-specific classes with the next available cohort as long as space is available. The minimum GPA must be maintained to continue on the Complete List.

Eligible students will receive an e-mail through the student's Tri-County Technical College e-mail account of acceptance into the program. This e-mail serves as an official offer for a seat into the program and identifies the program deposit fee and deadline date.

Failure to pay the program deposit fee by the specified date will result in delayed entry. Once the student pays the nonrefundable program deposit fee, a seat will be held for entry into the next program class. The student must continue to maintain the minimum GPA even though the program deposit fee has been paid.

In the event two eligible students have the same complete date, the College will use the GPA to determine who gets the seat. The student with the higher GPA would be offered a seat before the student with the same complete date but a lower GPA.

A student may defer program cohort entry one time. This means if a student is accepted into a Fall cohort and is not able to start at that time, they may request to be placed in the next Fall cohort. The Notice of Completion form need not be signed again, but the GPA must be 2.0 or greater at the time of deferral entry.

If an entrance policy changes for a particular program, the student's requirements would remain the same unless the student withdraws from enrollment or is not enrolled for two consecutive terms. If such a withdrawal or non-enrollment occurs, the student is required to meet new entrance policies in the current College Catalog.

# Emergency Medical Technology

## Program Information

The Emergency Medical Technology program is designed to prepare competent entry-level Paramedics in the cognitive (knowledgeable), psychomotor (skills), and affective (behavior) learning domains. The curriculum emphasizes accurate patient assessment and the development of essential patient care skills while applying the knowledge of anatomy, physiology, pathophysiology, critical thinking, and problem solving techniques. Graduates will be prepared to make well-informed decisions regarding pre-hospital care and will have the background necessary to develop additional skills as changes and innovations occur within the profession.

The Emergency Medical Technology program offers an associate degree and two certificate options. Credit for courses in the certificates also can be applied toward the associate degree. Upon successful completion of the program, students are eligible to take the National Registry certification exams for their respective level (EMT, AEMT, or Paramedic).

## Scheduling and Entry Options

Day classes are available for program courses. General Education courses are offered both day and evening and can be completed anytime during the program. Full-time students can complete the program in five semesters, including one Summer Term. It is strongly recommended that the general education courses be taken as early in the program as possible. Program courses build on each preceding course and must be successfully completed in sequence. Program courses in the A.A.S. and the Emergency Medical Technology Advanced Certificate begin in the Fall semester. Program courses in the Paramedic Certificate begin in the Summer semester.

## Program Accreditation

The Tri-County Technical College EMT program has been issued a Letter of Review by the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP Executive Office). This letter is not a CAAHEP accreditation status; it is a status signifying that a program seeking initial accreditation has demonstrated sufficient compliance with the accreditation Standards through the Letter of Review Self Study Report (LSSR) and other documentation. Letter of Review is recognized by the National Registry of Emergency Medical Technicians (NREMT) for eligibility to take the NREMT's Paramedic credentialing examination(s). However, it is not a guarantee of eventual accreditation.

To contact CoAEMSP Executive Office: 8301 Lakeview Parkway Suite 111-312, Rowlett, TX 75088, 214-703-8445, FAX 214-703-8992, [www.coaemsp.org](http://www.coaemsp.org).



Course Number	Course Title	Credit Hours
<b>FIRST SEMESTER</b>		<b>17</b>
BIO 112	Basic Anatomy and Physiology	4
CPT 170	Microcomputer Applications	3
EMS 110	Emergency Medical Technician	5
EMS 212	EMS Field Internship	2
ENG 101	English Composition I	3
<b>SECOND SEMESTER</b>		<b>16</b>
EMS 111	Advanced Emergency Care	5
EMS 219	Advanced EMS Field Internship II	2
MAT 120	Probability and Statistics	3
PSY 201	General Psychology	3
	Humanities Requirement	3
<b>THIRD SEMESTER</b>		<b>13</b>
EMS 120	Pharmacology	3
EMS 210	Advanced Emergency Medical Care I	5
EMS 217	Introduction to Electrocardiography	2
EMS 220	Paramedic Internship I	3
<b>FOURTH SEMESTER</b>		<b>15</b>
EMS 119	Emergency Medical Services Operations	2
EMS 211	Advanced Clinical Experience I	3
EMS 213	Advanced Emergency Medical Care II	4
EMS 221	Paramedic Internship II	3
SPC 205	Public Speaking	3
<b>FIFTH SEMESTER</b>		<b>12</b>
EMS 214	Advanced Clinical Experience II	3
EMS 218	EMS Management Seminar	2
EMS 222	Paramedic Internship III	3
EMS 270	NREMT Review	4
<b>GRADUATION CREDITS REQUIRED:</b>		<b>73</b>

Course Number	Course Title	Credit Hours
<b>FIRST SEMESTER</b>		<b>11</b>
BIO 112	Basic Anatomy and Physiology	4
EMS 110	Emergency Medical Technician	5
EMS 212	EMS Field Internship	2
<b>SECOND SEMESTER</b>		<b>7</b>
EMS 111	Advanced Emergency Care	5
EMS 219	Advanced EMS Field Internship II	2
<b>GRADUATION CREDITS REQUIRED:</b>		<b>18</b>

## EMERGENCY MEDICAL TECHNOLOGY, A.A.S.

### Description

The A.A.S. in Emergency Medical Technology (EMT) degree is designed to prepare competent entry-level Paramedics in the cognitive (knowledgeable), psychomotor (skills), and affective (behavior) learning domains. The curriculum emphasizes accurate patient assessment and the development of essential patient care skills while applying the knowledge of anatomy, physiology, pathophysiology, critical thinking, and problem-solving techniques. Graduates will be prepared to make well-informed decisions regarding pre-hospital care and will have the background necessary to develop additional skills as changes and innovations occur within the profession.

### Program Outcomes

Upon completion, students will be able to:

- Perform patient assessments
- Formulate a treatment plan
- Implement treatment plan
- Reassess treatment plan based on evolving information
- Transfer patients to definitive care
- Complete technical reports
- Demonstrate the behaviors of a healthcare professional

## EMERGENCY MEDICAL TECHNOLOGY ADVANCED CERTIFICATE

### Description

The Emergency Medical Technology Advanced Certificate program prepares the student to take the National Registry Advanced Emergency Medical Technician (NRAEMT) certification exams.

### Entry Requirements

To be accepted into this program, candidates must have a current National Registry or South Carolina EMT certification.

### Program Outcomes

Upon completion, students will be able to within the scope of practice:

- Perform patient assessments
- Formulate a treatment plan
- Implement treatment plan
- Reassess treatment plan based on evolving information
- Transfer patients to definitive care
- Complete technical reports
- Demonstrate the behaviors of a healthcare professional



## PARAMEDIC CERTIFICATE

### Description

The Paramedic Certificate program prepares a currently certified Emergency Medical Technician (EMT) and/or Advanced Emergency Medical Technician (AEMT) to take the National Registry Paramedic (NRP) certification exams.

### Entry Requirements

Candidates must have a current National Registry or South Carolina EMT or AEMT certification.

Per the SC DHEC Bureau of EMS & Trauma, candidates must have successfully completed an Anatomy & Physiology course within the last five years prior to the start date of the program.

### Program Outcomes

Upon completion, students will be able to:

- Perform patient assessments
- Formulate a treatment plan
- Implement treatment plan
- Reassess treatment plan based on evolving information
- Transfer patients to definitive care
- Complete technical reports
- Demonstrate the behaviors of a healthcare professional

Course Number	Course Title	Credit Hours
<b>FIRST SEMESTER</b>		<b>4</b>
BIO 112	Basic Anatomy and Physiology	4
<b>SECOND SEMESTER</b>		<b>13</b>
EMS 120	Pharmacology	3
EMS 210	Advanced Emergency Medical Care I	5
EMS 217	Introduction to Electrocardiography	2
EMS 220	Paramedic Internship I	3
<b>THIRD SEMESTER</b>		<b>10</b>
EMS 211	Advanced Clinical Experience I	3
EMS 213	Advanced Emergency Medical Care II	4
EMS 221	Paramedic Internship II	3
<b>FOURTH SEMESTER</b>		<b>12</b>
EMS 214	Advanced Clinical Experience II	3
EMS 218	EMS Management Seminar	2
EMS 222	Paramedic Internship III	3
EMS 270	NREMT Review	4
<b>GRADUATION CREDITS REQUIRED:</b>		<b>39</b>

## Expanded Duty Dental Assisting

### Program Information

Dental Assistants are multi-skilled dental professionals trained to work in many specialty areas of dentistry, including restorative dentistry and preventive oral health care. Students learn the skills necessary to provide patient education, apply pit and fissure sealants, produce intra-oral and extra-oral radiographs, polish teeth and fillings, assist the dentist, prepare dental materials, and manage dental offices.

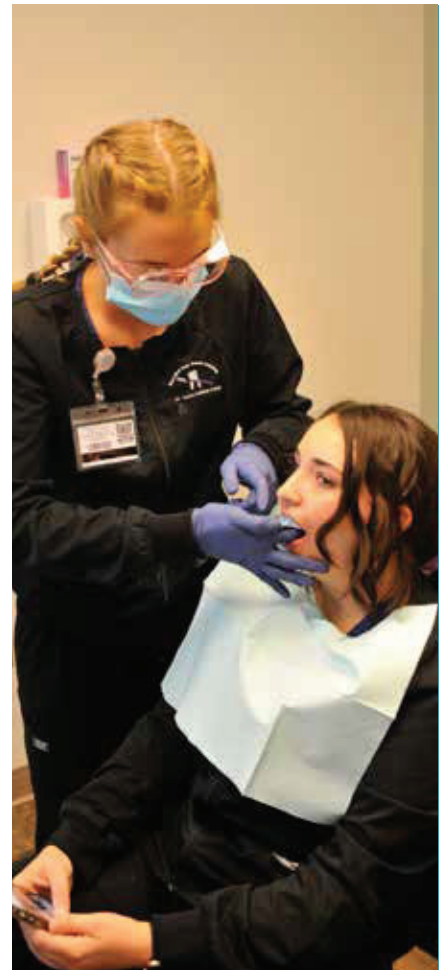
### Scheduling and Entry Options

The Expanded Duty Dental Assisting program is a full-time day program with courses in the major starting in the Fall Semester. Full-time students can complete the program in two semesters and a Summer Term. AHS 102 must be completed prior to starting major courses. General Education courses are offered both day and evening and can be completed at any time before or during the program.

[www.tctc.edu/edda](http://www.tctc.edu/edda)

### Program Accreditation

The program in dental assisting is accredited by the Commission on Dental Accreditation. The Commission is a specialized accrediting body recognized by the United States Department of Education. The Commission on Dental Accreditation can be contacted at 312-440-4653 or at 211 East Chicago Avenue, Chicago, IL 60611. The Commission's web address is: <http://www.ada.org/en/coda/accreditation>.



Course Number	Course Title	Credit Hours
<b>FIRST SEMESTER</b>		<b>12</b>
AHS 102	Medical Terminology	3
ENG 155	Communications I	3
MAT 155	Contemporary Mathematics	3
PSY 103	Human Relations	3
<b>SECOND SEMESTER</b>		<b>15</b>
DAT 112	Integrated Human Sciences	4
DAT 113	Dental Materials	4
DAT 115	Ethics and Professionalism	1
DAT 118	Dental Morphology	2
DAT 154	Clinical Procedures I	4
<b>THIRD SEMESTER</b>		<b>14</b>
DAT 121	Dental Health Education	2
DAT 123	Oral Medicine/Oral Biology	3
DAT 127	Dental Radiography	4
DAT 185	Dental Specialties	5
<b>FOURTH SEMESTER</b>		<b>9</b>
DAT 122	Dental Office Management	2
DAT 177	Dental Office Experience	7
<b>GRADUATION CREDITS REQUIRED:</b>		<b>50</b>

**\* NOTES:**

1. Students may substitute the combination of ENG 101 and SPC 205 for ENG 155.
2. Students may substitute MAT 101, MAT 102, or MAT 120 for MAT 155.
3. Students may substitute PSY 120 or PSY 201 for PSY 103.
4. Students may substitute BIO 210 for AHS 102.

**Program Accreditation**

The Medical Assisting Program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), 9355 - 113th Street N, #7709, Seminole, FL 33775, Telephone: 727-210-2350, [www.caahep.org](http://www.caahep.org), upon the recommendation of the Medical Assisting Education Review Board (MAERB), 35 East Wacker Drive, Suite 1970, Chicago, IL 60601, Telephone: 312-553-9355.

## EXPANDED DUTY DENTAL ASSISTING DIPLOMA

**Description**

This program prepares students to work in many specialty areas of dentistry, including restorative dentistry and preventative oral health care. Students learn the skills necessary to provide patient education, apply pit and fissure sealants, produce intra-oral and extra-oral radiographs, polish teeth and fillings, assist the dentist, prepare dental materials, and manage dental offices.

**Program Outcomes**

Upon completion, students will be able to:

- Perform essential dental assisting skills
- Perform chairside dental assisting functions
- Perform advanced/expanded dental assisting functions
- Manage dental practice
- Apply knowledge of bloodborne pathogens and hazard communication standards to all work performed
- Use and manipulate dental materials
- Expose dental images
- Assume responsibility for ethical and professional responsibilities
- Show expertise in dental science material

## Medical Assisting

**Program Information**

Medical assistants are multi-skilled health professionals specifically educated and trained to work in ambulatory care settings, performing administrative and clinical duties. The practice of medical assisting directly influences the public's health and well-being and requires mastery of a complex body of knowledge and specialized skills requiring both formal education and practical experience that serve as standards for entry into the profession. The Medical Assisting program curriculum is designed to prepare competent entry-level medical assistants in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains. Graduates typically have a 100% job placement within four months of graduation. The exam passage rate for the 2019 graduate cohort is 87.5% (five year aggregate of 85%-100%).

**Scheduling and Entry Options**

The Medical Assisting program offers a full-time day program with courses in the major starting in the Fall Semester. Full-time students can complete the program in two semesters and a summer term. General Education courses are offered both day and evening, and it is strongly recommended that general education courses be taken prior to entry into the program or in Fall Semester upon program entry. English, Math, and Biology (if BIO 101 is taken) must be completed or adequate scores to place into, with a minimum GPA of 2.0 before a Notice of Completion can be signed. The first 24 students submitting a Notice of Completion and maintaining program requirements will be offered a seat in the next cohort.

[www.tctc.edu/med](http://www.tctc.edu/med)

## MEDICAL ASSISTING DIPLOMA

### Description

This program prepares students to become multi-skilled health professionals specifically educated to work in ambulatory care settings, performing administrative and clinical duties. Students shall not receive remuneration for the practicum experience in the third semester. Upon completion of the program, graduates may sit for the AAMA certification exam, and with a passing score, will obtain the CMA(AAMA) credential.

### Program Outcomes

Upon completion, students will be able to:

- Incorporate the cognitive knowledge of anatomy and physiology in performance of the psychomotor and affective domains in the practice as medical assistants in providing patient care
- Incorporate the cognitive knowledge of applied mathematics in performance of the psychomotor and affective domains in their practice as medical assistants in providing patient care
- Practice infection control procedures
- Incorporate the cognitive knowledge of nutrition in performance of the psychomotor and affective domains in the practice as medical assistants in providing patient care
- Practice concepts of effective communication
- Perform administrative functions
- Perform basic practice finances
- Process third party reimbursements
- Perform Procedural and Diagnostic Coding
- Provide patient care in accordance with regulations, policies, laws and patient rights
- Incorporate ethical considerations while providing patient care
- Perform patient care using protective practices

## Medical Laboratory Technology

### Program Information

Medical laboratory tests play an important part in the detection, diagnosis, and treatment of illness and disease. Medical Laboratory Technology (MLT) students learn the methods and procedures used to perform tests analyzing human blood, body fluids, and urine samples. One of the fastest growing sectors of the health care field, this program offers trained technicians excellent employment opportunities. Upon graduation, students will be eligible to take the examination to become certified Medical Laboratory Technicians.

Tri-County Technical College students who graduate in the Medical Laboratory program and are academically qualified may transfer into the Bachelor of Science program in Microbiology and Biomedicine at Clemson University.

### Scheduling and Entry Options

The Medical Laboratory Technology program is a full-time day program with courses in the major starting in the Fall Semester. Full-time students can complete the program in five semesters, including one Summer Term. General Education courses are offered both day and evening and can be completed at any time before or during the program. In the second year, MLT students will spend up to 30 hours per week in the

Course Number	Course Title	Credit Hours
<b>FIRST SEMESTER</b>		<b>21</b>
BIO 112	Basic Anatomy and Physiology	4
ENG 155	Communications I	3
MAT 155	Contemporary Mathematics	3
MED 103	Medical Assisting Introduction	3
MED 107	Medical Office Management	4
MED 118	Pharmacology for the Medical Assistant	4
<b>SECOND SEMESTER</b>		<b>17</b>
AHS 102	Medical Terminology	3
AHS 105	Medical Ethics and Law	2
MED 104	Medical Assisting Administrative Procedures	4
MED 114	Medical Assisting Clinical Procedures	4
MED 115	Medical Office Lab Procedures I	4
<b>THIRD SEMESTER</b>		<b>13</b>
MED 116	Medical Office Lab Procedures II	4
MED 156	Clinical Experience I	6
PSY 103	Human Relations	3
<b>GRADUATION CREDITS REQUIRED:</b>		<b>51</b>

#### \* NOTES:

1. Students may substitute BIO 210 for BIO 112. BIO 210 requires a prerequisite of BIO 101.
2. Students may substitute ENG 103, the combination of ENG 101 and SPC 205 (recommended), SPC 200, or SPC 209 for ENG 155.
3. Students may substitute MAT 101, MAT 102, MAT 103, MAT 109, MAT 110 or MAT 120 for MAT 155.
4. Students may substitute PSY 120 or PSY 201 for PSY 103.



Course Number	Course Title	Credit Hours
<b>FIRST SEMESTER</b>		<b>17</b>
BIO 112	Basic Anatomy and Physiology	4
MLT 101	Introduction to Medical Laboratory Technology	2
MLT 105	Medical Microbiology	4
MLT 115	Immunology	3
MLT 130	Clinical Chemistry	4
<b>SECOND SEMESTER</b>		<b>18</b>
ENG 101	English Composition I	3
MAT 120	Probability and Statistics	3
MLT 110	Hematology	4
MLT 120	Immunohematology	4
MLT 230	Advanced Clinical Chemistry	4
<b>THIRD SEMESTER</b>		<b>14</b>
MLT 108	Urinalysis and Body Fluids	3
MLT 205	Advanced Microbiology	4
MLT 210	Advanced Hematology	4
SPC 205	Public Speaking	3
<b>FOURTH SEMESTER</b>		<b>16</b>
MLT 251	Clinical Experience I	5
MLT 252	Clinical Experience II	5
	Humanities Requirement	3
	General Elective	3
<b>FIFTH SEMESTER</b>		<b>16</b>
MLT 241	Medical Lab Transition	3
MLT 253	Clinical Experience III	5
MLT 254	Clinical Experience IV	5
PSY 201	General Psychology	3
<b>GRADUATION CREDITS REQUIRED:</b>		<b>81</b>

**\* NOTES:**

1. Students may substitute BIO 210 and BIO 211 for BIO 112. BIO 210 requires a prerequisite of BIO 101.
2. Students may substitute ENG 103 for ENG 101.
3. Students may substitute MAT 110, MAT 130, or MAT 140 for MAT 120.
4. Students may substitute SPC 200 or SPC 209 for SPC 205.

laboratory setting of a clinical affiliate to gain clinical experience in the following departments: Clinical Chemistry, Microbiology, Hematology, and Immunohematology.

[www.tctc.edu/mlt](http://www.tctc.edu/mlt)

### Program Accreditation

This program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS), 5600 N. River Rd., Suite 720, Rosemont, IL 60018-5119, Telephone: 773-714-8880, Fax: 773-714-8886, Website: [www.naacls.org](http://www.naacls.org).

## MEDICAL LABORATORY TECHNOLOGY, A.A.S.

### Description

Medical Laboratory Technology (MLT) students learn the methods and procedures used to perform tests analyzing human blood, body fluid, and urine samples.

### Program Outcomes

Upon completion, students will be able to:

- Exhibit professional behaviors, attitudes, and values associated with laboratory health professionals
- Adhere to laboratory safety regulations, including the use of safety techniques and protective equipment
- Correlate laboratory test results with clinical significance of patient conditions and/or diseases
- Provide reliable and efficient laboratory test results using methods for evaluating the microbiological status of a patient
- Provide reliable and efficient laboratory test results using methods for evaluating the chemical status of a patient
- Provide reliable and efficient laboratory test results using methods for evaluating the immunohematological status of a patient
- Provide reliable and efficient laboratory test results using methods for evaluating the hematological status of a patient
- Perform collection and handling of blood and other specimens

## Personal Care Aide

### Program Information

This program is designed to prepare students for personal care aide positions in home or health care environments. Students will develop skills and mindsets needed to work effectively with diverse clients and to optimize the quality of life. Students will attain industry-recognized certifications in key areas such as safety, infection control, basic dementia care, and privacy. Students will also develop life and organizational skills needed for success in health care fields and will create personalized career plans for continued growth and professional development.



## PERSONAL CARE AIDE I CERTIFICATE

### Description

This certificate prepares students for personal care aide positions in home or health care environments. Students will develop skills and mindsets needed to work effectively with diverse clients and to optimize their quality of life. Students will attain industry-recognized certifications in key areas such as safety, infection control, basic dementia care, and privacy. Students will also develop life and organizational skills needed for success in health care fields and will create personalized career plans for continued growth and professional development. This certificate is restricted to TCTC I-BEST students.

### Program Outcomes

Upon completion, students will be able to:

- Perform Personal Care Aide duties
- Develop a personalized career plan within a selected health care field

## Pre-Dental Hygiene

### Program Information

Tri-County Technical College offers the Dental Hygiene 1+1 program in cooperation with Greenville Technical College. Tri-County Technical College offers the pre-dental hygiene curriculum as the first phase of the Dental Hygiene program. The second phase is offered at Greenville Technical College where an Associate Degree in Health Science-Dental Hygiene is awarded upon successful completion of the second phase.

### Scheduling and Entry Options

The Tri-County Technical College Phase I portion is offered during the day or evening. Students may enroll in any term. Students will be accepted into Phase II (clinical phase) of the program at Greenville Technical College upon completion of required criteria. Students must maintain a Phase I technical GPA of at least 3.00 and attain a "C" or better in all Phase I courses within two attempts to qualify for admission into Phase II at Greenville Technical College.

Greenville Technical College will accept two students from Tri-County Technical College for each fall class determined by the highest points on the Weighed Admissions form. Additional students may be accepted and will compete for clinical seats depending on their competitive entry qualifications. Phase two classes are BIO 240, HSS 295 or transferable humanities, and SOC 101. It is recommended to take these Phase II courses to be competitive for entry. If reserved slots are filled by Tri-County Technical College students, additional students from Tri-County Technical College may apply to Greenville Technical College Dental Hygiene through the program admissions process.

For fall entry into Greenville Technical College, course work at Tri-County Technical College should be completed at the end of the spring semester to allow for transfer of grades and records to Greenville Technical College and to accommodate class begin/end dates. Students are responsible for ensuring that their name has been placed on the class list for the desired entry date into the second phase of the program. There is not a limit on completing the first phase of the program. However, BIO 210, BIO 211, BIO 225, BIO 240, and CHM

Course Number	Course Title	Credit Hours
<b>FIRST SEMESTER</b>		<b>8</b>
AHS 101	Introduction to Health Professions	2
AHS 190	Fundamentals of Personal Care	3
COL 120	STEM College and Career Readiness	3
<b>GRADUATION CREDITS REQUIRED:</b>		<b>8</b>



Course Number	Course Title	Credit Hours
<b>FIRST SEMESTER</b>		<b>13</b>
BIO 101	Biological Science I	4
ENG 101	English Composition I	3
MAT 120	Probability and Statistics	3
SOC 101	Introduction to Sociology	3
<b>SECOND SEMESTER</b>		<b>14</b>
BIO 210	Anatomy and Physiology I	4
CHM 105	General, Organic & Biochemistry	4
PSY 201	General Psychology	3
SPC 205	Public Speaking	3
<b>THIRD SEMESTER</b>		<b>11</b>
BIO 211	Anatomy and Physiology II	4
BIO 225	Microbiology	4
BIO 240	Nutrition	3
<b>GRADUATION CREDITS REQUIRED:</b>		<b>38</b>

105 may not be taken more than two years prior to entering the second phase of the program.

## PRE-DENTAL HYGIENE CERTIFICATE

### Description

Tri-County Technical College offers the Dental Hygiene 1+1 program in cooperation with Greenville Technical College. Tri-County Technical College offers the pre-dental hygiene curriculum as the first phase of the Dental Hygiene program. The second phase is offered at Greenville Technical College where an Associate Degree in Health Science-Dental Hygiene is awarded upon successful completion of the second phase.

### Program Outcomes

Upon completion, students will be able to:

- Gain the appropriate credits to apply to a Dental Hygiene program of their choosing

## Pre-Pharmacy

### Program Information

This degree will fulfill prerequisite course requirements for application to University of SC College of Pharmacy, Medical University of SC College of Pharmacy, Presbyterian College School of Pharmacy, South University College of Pharmacy and Wingate University School of Pharmacy. This program, with individualized advisement, will also meet most requirements for colleges of pharmacy in the Southeastern U.S. Some colleges of pharmacy may require additional coursework.

### Scheduling and Entry Options

Students may enter in any term. Day and evening classes are available. Courses may be completed in any order, subject to the completion of course prerequisites.

[www.tctc.edu/prepharm](http://www.tctc.edu/prepharm)

## PRE-PHARMACY CONCENTRATION, GENERAL TECHNOLOGY, A.A.S.

### Description

This degree will fulfill prerequisite course requirements for application to University of SC College of Pharmacy, Medical University of SC College of Pharmacy, Presbyterian College School of Pharmacy, South University College of Pharmacy and Wingate University School of Pharmacy. This program, with individualized advisement, will also meet most requirements for colleges of pharmacy in the Southeastern U.S. Some colleges of pharmacy may require additional coursework.

A minimum GPA of 3.00 in TCTC program courses and 2.75 overall must be maintained to remain in the Pre-Pharmacy program.

### Program Outcomes

Upon completion, students will be able to:

- Demonstrate an introductory understanding of the profession of pharmacy

Course Number	Course Title	Credit Hours
<b>FIRST SEMESTER</b>		<b>14</b>
AHS 180	Health Careers Preparation	3
BIO 101	Biological Science I	4
CHM 110	College Chemistry I	4
ENG 101	English Composition I	3
<b>SECOND SEMESTER</b>		<b>14</b>
BIO 102	Biological Science II	4
CHM 111	College Chemistry II	4
MAT 130	Elementary Calculus	3
PSY 201	General Psychology	3
<b>THIRD SEMESTER</b>		<b>8</b>
BIO 210	Anatomy and Physiology I	4
BIO 211	Anatomy and Physiology II	4
<b>FOURTH SEMESTER</b>		<b>18</b>
BIO 225	Microbiology	4
CHM 211	Organic Chemistry I	4
ENG 102	English Composition II	3
PHY 200	Applied Physics OR	4
PHY 201	Physics I	4
SPC 205	Public Speaking	3
<b>FIFTH SEMESTER</b>		<b>13</b>
CHM 212	Organic Chemistry II	4
CHM 213	Principles of Biochemistry	3
ECO 211	Microeconomics	3
	General Education Courses	3
<b>SIXTH SEMESTER</b>		<b>9</b>
MAT 120	Probability and Statistics	3
	Communications and/or Social Science	6
<b>GRADUATION CREDITS REQUIRED:</b>		<b>76</b>

# Surgical Technology

## Program Information

The Surgical Technology program prepares students to perform various duties during surgery by assisting in the maintenance of an aseptic environment through a system of specific techniques and practices. The surgical technologist contributes to overall patient care as part of the surgical team by passing supplies and instruments to the surgeon, assisting the surgeon, selecting instruments for surgical cases, setting up cases, and assisting the circulatory personnel. Surgical Technologists may find employment in hospitals, clinics, or physicians' offices. Hospital employment areas include operating and emergency rooms, labor and delivery, endoscopy units, central sterile processing areas, and ambulatory surgery centers.

## Scheduling and Entry Options

Courses in the major are offered only during the day and begin in the Fall Semester. Full-time day students complete requirements in five consecutive terms, including the Summer Term. General Education courses are offered both day and evening, and it is strongly recommended that general education courses be taken prior to entry into the program. Program courses build on each preceding course and must be successfully completed in sequence. To qualify for graduation, a student is required to complete a minimum of 120 surgical cases across different specialties as noted in the Surgical Technology Handbook during clinical rotations.

[www.tctc.edu/surgtech](http://www.tctc.edu/surgtech)

## SURGICAL TECHNOLOGY, A. A. S.

### Description

The Surgical Technology program prepares students to perform various duties during surgery by assisting in the maintenance of an aseptic environment through a system of specific techniques and practices. The surgical technologist contributes to overall patient care as part of the surgical team by passing supplies and instruments to the surgeon, assisting the surgeon, selecting instruments for surgical cases, setting up cases, and assisting the circulatory personnel.

### Program Outcomes

Upon completion, students will be able to:

- Maintain professionalism
- Maintain a safe environment in and around the operating room
- Exhibit appropriate and safe behaviors in a healthcare environment
- Perform sterile processing techniques according to industry set standards
- Perform the principles and practice of aseptic technique standards
- Perform perioperative case management
- Perform duties within scope of practice as they relate to specialized surgical procedures and specific circumstances

## Program Accreditation

The Surgical Technology Program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), 9355 - 113th St N, #7709, Seminole, FL 33775, Telephone: 727-210-2350, Website: [www.caahep.org](http://www.caahep.org), upon the recommendation of the Accreditation Review Council on Education in Surgical Technology and Surgical Assisting (ARC/STSA), 19751 E. Main St., Suite 339, Parker, CO 80138, Telephone: 303-694-9262, Website: [www.arcstsa.org](http://www.arcstsa.org).

Course Number	Course Title	Credit Hours
<b>FIRST SEMESTER</b>		<b>13</b>
BIO 101	Biological Science I	4
ENG 101	English Composition I	3
MAT 155	Contemporary Mathematics	3
	Humanities Requirement	3
<b>SECOND SEMESTER</b>		<b>14</b>
BIO 225	Microbiology	4
SUR 101	Introduction to Surgical Technology	5
SUR 102	Applied Surgical Technology	5
<b>THIRD SEMESTER</b>		<b>15</b>
BIO 210	Anatomy and Physiology I	4
SPC 205	Public Speaking	3
SUR 103	Surgical Procedures I	4
SUR 104	Surgical Procedures II	4
<b>FOURTH SEMESTER</b>		<b>13</b>
BIO 211	Anatomy and Physiology II	4
SUR 105	Surgical Procedures III	4
SUR 110	Introduction to Surgical Practicum	5
<b>FIFTH SEMESTER</b>		<b>13</b>
PSY 201	General Psychology	3
SUR 111	Basic Surgical Practicum	7
SUR 120	Surgical Seminar	2
SUR 130	Biomedical Science for The Surgical Technologist	1
<b>GRADUATION CREDITS REQUIRED:</b>		<b>68</b>

#### \* NOTES:

1. Either HSS 295 or PHI 110 is the preferred course for a Humanities Requirement.
2. Students may substitute ENG 103 for ENG 101.
3. Students may substitute MAT 101, MAT 102, MAT 103, MAT 109, MAT 110, or MAT 120 for MAT 155.
4. Students may substitute SPC 200 or SPC 209 for SPC 205.
5. Students may substitute PSY 120 for PSY 201.
6. It is highly recommended that BIO 225 must be taken prior to, or concurrently with, SUR 101.
7. It is highly recommended that BIO 210 must be taken prior to, or concurrently with, SUR 103.



# VETERINARY TECHNOLOGY

## Program Information

Veterinary Technology is a career dedicated to the health and well-being of animals. Licensed veterinary technicians provide professional and technical support to veterinarians, biologists, researchers, and industry. As a member of the veterinary health care team, the licensed veterinary technician provides many aspects of patient care to include anesthesia and surgical support, diagnostic imaging, and laboratory procedures. Upon satisfactory completion of the program, students are eligible to take Veterinary Technician National Examination (VTNE). State licensing requirements for Veterinary Technicians vary greatly from state to state; therefore, graduates should contact the individual state's licensing bureau for the current requirements.

## Scheduling and Entry Options

Tri-County Technical College offers both full-time and part-time programs, which begin in the Fall term. The two-year (full-time) program offers day classes over six terms. The part-time program offers classes primarily in the evening over eight terms. There is one semester of Veterinary Technician Externship required in both programs. General education courses are offered during the day, evening, or online and can be completed before or during the program. Students should refer to the Program Curriculum Guide on the Tri-County Technical College public website for prerequisite requirements.

[www.tctc.edu/vettech](http://www.tctc.edu/vettech)

## Program Accreditation

The Veterinary Technology program has full accreditation granted by the American Veterinary Medical Association (AVMA), 1931 N. Meacham Road Suite 100, Schaumburg, Illinois 60173-4360, Telephone: 847-925-8070, Fax: 847-925-1329, Web site: [www.avma.org](http://www.avma.org) and is sanctioned by the South Carolina Association of Veterinarians.

## Limited Access Programs, Acceptance Requirements, & Curricular Sequences

Most programs in the Health Education Division are limited access programs, meaning there are special, particular or additional admission and/or placement requirements beyond those normally required by the College. In many cases, these requirements include prerequisite classes that must be completed prior to the student's placement into courses in the particular program area. Clinical seating availability is limited in all health education programs. Applicants must complete TCTC admission requirements and the additional program clinical admission requirements.

Because prerequisite requirements may exist for limited access programs, the following curriculum displays are for information only and should not be interpreted as an exact representation of course



progression. The information outlines program course requirements necessary for completing a particular program of study. Students should confer with their program advisor for more specific information.

It is the student's responsibility to be aware of limited access program admission, program progression and program prerequisite requirements. Students should confer with their program advisor anytime clarification or explanation is needed.

In addition to meeting general admission requirements, Veterinary Technology majors are required to meet the curriculum specific requirements outlined below:

- Students must complete recommended developmental studies courses based on course placement criteria.
- Students must have an institutional GPA of 2.0 or higher. There are additional progression requirements in the Catalog. A grade of "C" or greater is needed in all required courses within the Health Professions Department and in the Veterinary Technology Program. A student may repeat a maximum of two major courses. Students should also refer to individual program handbooks for additional information.
- Students must meet required divisional or program Technical Standards.
- Students who transfer into associate degree programs must have a transfer or institutional GPA of 2.5 or higher on previous college work (TCTC GPA supersedes any outside GPA).
- Students are required to carry professional liability insurance, which is obtained through the College.
- Some clinical agencies may require proof of personal health insurance. This is the sole responsibility of the student. Students should contact the Dean of Student Development for more information.
- Clinical agencies require criminal background checks for nursing and allied health educational programs. Certain clinical agencies may necessitate more than one background check and/or drug screen. The results of the criminal background check and yearly drug screen determine if a student is eligible to enter clinical agencies. A student must be able to enter and/or remain in all clinical agencies to progress within a program. Inability to progress within a major for this reason will result in administrative withdrawal from the program. Note: Most Health Education programs require certification or licensure in order to use titles and/or practice the profession. Conviction of a felony, a plea of guilty to a felony, or certain misdemeanor convictions may make the applicant ineligible for certification or licensure.

### Entry to Clinical Program - Veterinary Technology

It is the responsibility of the student to track the progress of program prerequisites. The program curriculum guide can be found on the TCTC public website, [www.tctc.edu/vettech](http://www.tctc.edu/vettech). The student must meet with an assigned program advisor each semester to obtain guidance and to ensure prerequisite changes have not occurred. (Changes in program and curricular requirements can occur.) Once prerequisites are completed, the student must print and complete the "Notice of Completion" form found on the public website under each program. The student is then required to meet with the Program Coordinator or Department Head for signature verification of completion.

The student must take the signed form and the required documentation to the Division Admission Liaison Office (Pendleton Campus, Fulp Hall, Room



Course Number	Course Title	Credit Hours
<b>FIRST SEMESTER</b>		<b>7</b>
BIO 101	Biological Science I	4
VET 113	Introduction to Veterinary Technology	3
<b>SECOND SEMESTER</b>		<b>18</b>
ENG 101	English Composition I	3
MAT 120	Probability and Statistics	3
VET 101	Animal Breeds and Husbandry	3
VET 104	Veterinary Anatomy and Physiology	3
VET 116	Radiology and Parasitology	3
VET 150	Clinical Techniques I	3
<b>THIRD SEMESTER</b>		<b>16</b>
BIO 225	Microbiology	4
VET 140	Veterinary Pharmacology	2
VET 142	Veterinary Anesthesia	3
VET 152	Clinical Pathology	4
VET 160	Clinical Techniques II	3
<b>FOURTH SEMESTER</b>		<b>6</b>
VET 170	Veterinary Technician Externship	6
<b>FIFTH SEMESTER</b>		<b>16</b>
PSY 201	General Psychology	3
SPC 205	Public Speaking	3
VET 201	Diseases and Zoonosis	4
VET 250	Clinical Techniques III	3
VET 270	Advanced Medical Care	3
<b>SIXTH SEMESTER</b>		<b>12</b>
VET 215	Laboratory Animal Medicine	2
VET 260	Clinical Techniques IV	3
VET 290	Senior Integrated Learning	4
	Humanities Requirement	3
<b>GRADUATION CREDITS REQUIRED:</b>		<b>75</b>

**\* NOTES:**

- Students may substitute MAT 110 for MAT 120, if approved by the Department Head.
- BIO 101 is accepted as an Elective Credit. Completion of BIO 101 is required prior to taking BIO 225.
- All alterations or substitutions to the curriculum plan must be approved by the Department Head.

401 for Veterinary Technology). When verified, the date on which this form is submitted then becomes the student's "Complete Date," and the student is placed on the Complete List for the specific program.

The Complete Date means the student is eligible to start the actual program classes with the next available class as long as space is available. The minimum GPA must be maintained to continue on the Complete List. Eligible students will receive an e-mail through the student's Tri-County Technical College e-mail account of acceptance into the specific program. This e-mail serves as an official offer for a seat into the program and identifies the program deposit fee deadline date. Failure to pay the program deposit fee by the specified date will result in delayed entry. Once the student pays the nonrefundable program deposit fee, a seat will be held for entry into the next program class. The student must continue to maintain the minimum GPA even though the program deposit fee has been paid.

In the event two eligible students have the same complete date, the College will use the GPA to determine who gets the seat. The student with the higher GPA would be offered a seat before the student with the same complete date but a lower GPA.

If an entrance policy changes for a particular program, the student's requirements would remain the same unless the student withdraws from enrollment or is not enrolled for two consecutive terms. If such a withdrawal or non-enrollment occurs, the student is required to meet new entrance policies in the current College Catalog.

## VETERINARY TECHNOLOGY, A.A.S.

### Description

Veterinary Technology is a career dedicated to the health and well-being of animals. Licensed veterinary technicians provide professional and technical support to veterinarians, biologists, researchers, and industry. As a member of the veterinary health care team, the licensed veterinary technician provides many aspects of patient care to include anesthesia and surgical support, diagnostic imaging, and laboratory procedures.

### Program Outcomes

Upon completion, students will be able to:

- Manage a veterinary office
- Administer medications
- Assess patients
- Anesthetize patients
- Assist veterinarian with surgical procedures
- Perform specimen analyses
- Perform imaging
- Perform procedures on laboratory animals
- Show expertise in avian, exotic, and small mammals