

## Health Sciences CTE Program

Career Tech Student Organization: HOSA Career Readiness Indicator Credential:  
CET, CNA, CPCT, CPhT, and EMT

### Foundations of Health Science

Course Code: 14002G1001

1 Credit

Prerequisite: None

Course Fee: \$10

A course that introduces students to a wide range of health careers and can count as the required Health credit. Integrated academics combined with health care knowledge and skills provide the framework for a strong healthcare delivery system in the twenty-first century. It is recommended for all students who want to prepare for further study in an array of health-related fields at the postsecondary level. This course is the prerequisite for all health science courses. Participation in the Health Occupation Student Association (HOSA) is strongly encouraged. A \$25 fee is required for membership.

### Patient Care Technician

Course Code: 14051G1000

1 Credit

Prerequisite: Foundations of Health Science

Course Fee: \$25

Patient Care Technician is a one-credit course that provides students the opportunity to become effective and efficient multi-skilled healthcare providers. Students will develop a working knowledge of advanced patient care skills, vital signs, 12-lead ECG/EKGs, oxygen therapy, basic phlebotomy via simulation, and specimen collection and processing. Essential workforce skills and safety will be emphasized, as well as professional ethics and legal responsibilities. Students will ascertain employability skills and soft skills required by business and industry. Upon successful completion of the required theory, lab, and simulation, students may be eligible to sit for Patient Care Technician Certification.

### Pharmacy Technician

Course Code: 14152G1001

1 Credit

Prerequisite: Foundations of Health Science

Course Fee: \$25

Pharmacy Technician is a one-credit course that prepares students for the Pharmacy Technician Certification exam and a pharmaceutical career. The course covers content related to medicine, federal requirements, patient safety, quality assurance, and order processing.

### Health Science Internship

Course Code: 14298G2000

2 Credits

Prerequisite: Foundations of Health Science, Application and interview are required.

Course Fee: \$65

A two-credit course designed for students in Grade 12. This course includes a variety of knowledge and skills necessary for becoming a health care worker or for preparing students for postsecondary health care education programs. Health Science Internship is designed to be completed in a hospital, extended care facility, rehabilitation center, medical office, imagery laboratory, or other healthcare facilities. Clinical assignments comprise at least 70 percent of the course at various healthcare facilities in the Auburn/Opelika area. This class will be offered during 2 consecutive blocks each semester. Student requirements: Health Science teacher recommendation, a 3.0 overall GPA, no out-of-school or in-school suspensions, no excessive absences or tardies, provide private transportation to and from the clinical site(s), provide proof of a negative TB skin test within the past year, purchase a uniform and pay a class fee of \$65.00.

## CTE Lab in Health Science (Earn and Learn)

Course Code: **14999G1000**

1 Credit

Prerequisite: Health Science Internship

Course Fee: None

CTE Lab in Health Science is designed to enhance the student's general understanding and mastery of content in the cluster. This course is designed as a learning laboratory to support students' individual interests and goals. This laboratory may take place in a traditional classroom, in an industry setting, or in a virtual learning environment. Career and Technical Student Organizations are integral, co-curricular components of each career and technical education course. These organizations enhance classroom instruction while helping students develop leadership abilities, expand workplace-readiness skills, and access opportunities for personal and professional growth. Students in the Health Science cluster affiliate with HOSA–Future Health Professionals.

## Operating Room Foundations

Course Code: **14254G1015**

1 Credit

Prerequisite: Foundations of Healthcare AND senior who did not get accepted into the internship; other spots will be available to junior students

Course Fee: \$25

Operating Room Foundations is a one-credit course that introduces students to the exciting and dynamic world of the operating room and exposes students to an array of multidisciplinary specialties and concepts within perioperative medicine. Course content focuses on the knowledge and skills needed to promote patient safety and optimize surgical outcomes. Operating Room Foundations is offered to students in grades 10-12 upon successful completion of the mandatory prerequisite, Foundations of Health Science. Operating Room Foundations is recommended for students who want to prepare for further study in an array of health-related fields at the postsecondary level that utilize sterile technique, and/or care for patients preoperatively, intraoperatively, or postoperatively.

## EMERGENCY MED TECHNICIAN

Course Code: 14999C1004

1 Credit/ 3 SUSCC Credits

Prerequisite: Foundations of Health Science

Course Fee: SUSCC Tuition

Emergency Medical Technician is a Dual Credit course offered through Southern Union State Community College. The course is worth 10 hours of college credit and is taught by a SUSCC instructor. The course is the entry-level of instruction in Emergency Medical Services. This course will educate through a format of both clinical and classroom instruction. The curriculum includes but is not limited to, traumatic emergencies, medical emergencies, emergency operations, emergency communications, emergency medical and trauma assessments. Upon successful completion of this course the student will be eligible to challenge the National Registry of EMS EMT Basic test. After passing the National Registry evaluation the student can apply for state licensure and will be immediately employable in the field. There is a cost of approximately \$150.00 per student for uniforms required for the clinical portion of the class in addition to SUSCC tuition.

## LONG TERM CARE NURSING ASSISTANT

Course Code: 14999C1034

1 Credit

Prerequisite: Foundations of Health Science

Course Fee: SUSCC Tuition

Nursing Assisting (NAS) is a dual enrollment course offered at Southern Union State Community College. The course is taught by a SUSCC instructor. The course is the entry-level of instruction to nursing services. This course will educate through a format of both clinical and classroom instruction. This course fulfills the seventy-five (75) hour Omnibus Budget Reconciliation Act (OBRA) requirements for training of long-term care nursing assistants in preparation for certification through competency evaluation. Emphasis is placed on the development of the knowledge, attitudes, and skills required of the long-term care nursing assistant. Upon completion of this course, the student should demonstrate satisfactory performance on written examinations and clinical skills; the student will be eligible to challenge the State Certified Nursing Assistant test. Note: This course is not offered for college credit at Southern Union State Community College.