

## Social Work

SOWK 111 3 Credits

INTRO TO SOCIAL WORK

Quarters: Spring

Introduces the profession of social work, surveying the professional knowledge, skills, values, and ethics applicable for generalist social work practices. Reviews the historical, philosophical, educational, and social dimensions of the profession. Considers various fields of social work practice and their unique attributes, including income levels of each. Places special emphasis on rural areas. Recommended Co-requisite: SOWK 280.

SOWK 220 3 Credits

SOCIAL WELFARE SYSTEM AND POLICY

Quarters: Spring

Addresses the historical impact and current delivery of social services to people of poverty, people of color, elderly, women, homosexuals, and persons with mental and or physical disabilities, recognizing the fundamental duty of the social work profession to promote social equity and justice. Traces the historical evolution of the American social service delivery system, and examines development of policies as they relate to societal values. Prerequisites: SOWK 111 or instructor approval.

## Sociology

SOC 204 Z 4 Credits

INTRODUCTION TO SOCIOLOGY

Quarters: Fall

Introduces the central concepts, theories, and methods that define the sociological approach to investigating the social forces that shape our lives. Topics may include social structure, culture, socialization, race, class, gender, sexuality, and inequality.

SOC 205 Z 4 Credits

SOCIAL CHANGE AND INSTITUTIONS

Quarters: Fall

Sociological analysis of social institutions, such as family, education, health care, the economy, and the state. Includes an examination of connections among institutions and their impact on patterns of inequality and individual outcomes. Examines the forces and dynamics behind social change, such as social movements, culture, economic forces, technologies, and the environment.

SOC 206 Z 4 Credits

SOCIAL PROBLEMS

Quarters: Offered as needed

Applies the sociological perspective to the study of social problems, including their social construction, causes, and consequences. Explores the complexities surrounding their solutions, such as how solutions are socially constructed and policy proposals from sociologists and social movements. Topics may include poverty, discrimination, interpersonal violence, crime, addiction, ecological crises, war/global conflict, and health inequality.

SOC 210 3 Credits

MARRIAGE/FAMILY/INTIMATE RELATIONS

Quarters: Summer, Fall

Presents sociological analyses of topics which may include romantic love, sexual patterns, courtship and dating, intimate relationships, divorce, widowhood, remarriages, family systems in other cultures, family systems in America, current changes, and prospects for the future. Guides students into ways of coping better in their own relationships.

SOC 231 3 Credits

HUMAN SEXUALITY

Quarters: Spring

A comprehensive study of human sexuality with an emphasis on sexual issues from scientific and humanistic perspectives. This course includes a survey of historical, cultural and cross-cultural variation in sexuality, sex research, female and male sexual and reproductive anatomy and physiology, gender issues, sexual response, sexual communication, sexual behavior patterns, love and sexual orientations.

## Spanish

SPAN 101 4 Credits

1ST YEAR SPANISH I

Quarters: Fall, Winter, Spring

First Year Spanish is based on the Standards of Learning Spanish. Instruction Incorporates the major organizing principles for the Standards for Foreign Language Learning: Communication, Cultures, Connections, Comparisons and Communities. Grammar is taught within the context of real world interaction in the target language (Spanish), including reading, writing, speaking, and listening.

SPAN 102 4 Credits

1ST YEAR SPANISH II

Quarters: Winter

First Year Spanish is based on the Standards of Learning Spanish. Instruction Incorporates the major organizing principles for the Standards for Foreign Language Learning: Communication, Cultures, Connections, Comparisons and Communities. Grammar is taught within the context of real world interaction in the target language (Spanish), including reading, writing, speaking, and listening. Pre-requisite: SPAN 101, Two years of high school Spanish, or instructor approval.

SPAN 103 4 Credits

1ST YEAR SPANISH III

Quarters: Fall, Spring

First Year Spanish is based on the Standards of Learning Spanish. Instruction Incorporates the major organizing principles for the Standards for Foreign Language Learning: Communication, Cultures, Connections, Comparisons and Communities. Grammar is taught within the context of real world interaction in the target language (Spanish), including reading, writing, speaking, and listening. Prerequisites: SPAN 102 or Instructor permission.

SPAN 201 4 Credits

2ND YEAR SPANISH I

Quarters: Offered as needed

Continues the review and expansion of vocabulary, grammar, conversation and composition. Introduction to cultural and literacy readings. Prerequisites: two years high school spanish, SPAN 103 or Instructor permission.

SPAN 202 4 Credits

2ND YEAR SPANISH II

Quarters: Offered as needed

Continues the review and expansion of vocabulary, grammar, conversation and composition. Introduction to cultural and literacy readings. Prerequisites: SPAN 201.

SPAN 203 4 Credits

2ND YEAR SPANISH III

Quarters: Offered as needed

Continues the review and expansion of vocabulary, grammar, conversation and composition. Introduction to cultural and literacy readings. Prerequisites: SPAN 202.

## Speech

SP 112 3 Credits

PERSUASIVE SPEECH

Quarters: Offered as needed

Provides students an understanding of the persuasive communication process in order to make more persuasive presentations and better understand persuasive mechanisms in the issues they encounter. Prerequisites: College level reading ability is an advantage.

SP 219 3 Credits

SMALL GROUP DISCUSSION

Quarters: Fall, Winter, Spring

Stresses skill building and theory in decision making, goal setting, presentation planning, and knowledge of group process. Assists students in using effective small group techniques in a variety of settings. Prerequisites: Pass WR95 with a C- or better, or suitable placement score.

## Statistics

STAT 243 Z 4 Credits

ELEMENTARY STATISTICS I

Quarters: Winter, Spring

A first course in statistics focusing on the interpretation and communication of statistical concepts. Introduces exploratory data analysis, descriptive statistics, sampling methods and distributions, point and interval estimates, hypothesis tests for means and proportions, and elements of probability and correlation. Technology will be used when appropriate. Prerequisites: Pass MATH 111 or 105 with a "C-" or better, or suitable math placement exam score.

## Surgical Technology

ST 101 (P/T) 6 Credits

### SURGICAL TECHNOLOGY I

Quarters: Offered as needed

This course provides a comprehensive study of the operating room environment, professional roles, moral/legal/ethical responsibilities, and medical communications used in the field of surgical technology. Additional content will include pharmacology, anesthesia, microbiology, asepsis, sterile technique, an intro to surgical instrumentation and the sterilization process. Prerequisites: Acceptance into Surgical Technologist Program Co-requisite: ST 111

ST 102 (P/T) 6 Credits

### SURGICAL TECHNOLOGY II

Quarters: Offered as needed

This course will focus on the technology used in the surgical setting, including computer systems, electronic medical record systems, lasers, electrosurgery, ultrasound, robotics, and guided surgery. Other topics included will be surgical instrumentation (names, uses, etc.) and surgical supplies. The course will also cover perioperative management during the preoperative phases. Students will learn about surgical attire, proper techniques for gowning and gloving, hand hygiene, how to effectively perform a surgical scrub and how to properly establish a sterile field. Additional topics will include performing surgical counts, draping the surgical field, perioperative documentation, patient identification and time-out procedures. Prerequisites: ST 101 and ST 111 Corequisite: ST 112

ST 103 (P/T) 6 Credits

### SURGICAL TECHNOLOGY III

Quarters: Offered as needed

This course focuses on perioperative management during the intraoperative phases. Content will include types surgical incisions and their purposes, wound exposure, hemostasis, wound management and application of sterile dressings. The course will also discuss maintaining the sterile field during surgery and the breakdown of the sterile field, how to appropriately handle and label surgical specimens, post-anesthesia care, and assistant circulator duties within the operating room environment. An introduction to surgical procedures will also be provided during this course, to prepare students for mock surgeries. Prerequisites: ST 102 and ST 112 Corequisite: ST 113

ST 111 (P/T) 4 Credits

### SURGICAL TECHNOLOGY LAB I

Quarters: Offered as needed

The lab will provide students instruction and hands-on learning experiences. Students will learn proper sterilization and disinfection techniques for surgical instrumentation, how to properly prepare instrumentation for sterilization and how to apply sterile technique within the operating room setting. Prerequisites: Acceptance into TVCC Surgical Technologist program Co-requisite: ST 101

ST 112 (P/T) 4 Credits

### SURGICAL TECHNOLOGY LAB II

Quarters: Offered as needed

The purpose of this lab is to provide instruction and hands-on learning experiences. Students will continue building on their knowledge and understanding of sterile techniques and will learn how to properly establish a sterile field, perform a surgical scrub using various scrub agents, don surgical attire in a sterile manor, perform surgical counts, and how to drape out the surgical field while maintaining sterility. Prerequisites: ST 101 and ST 111 Corequisite: ST 102

ST 113 (P/T) 4 Credits

### SURGICAL TECHNOLOGY LAB III

Quarters: Offered as needed

This course is a continuation where students will apply, practice, and demonstrate skills from previous labs, including preparing the operating room, establishing a sterile field, setting up the back table and mayo stand, and draping the patient. Students will participate in mock surgeries, from start to finish, in order to demonstrate knowledge of surgical practices in the role of a surgical technologist, as well as undergo a surgical skills assessment to test their skill level and readiness for clinical rotations in the operating room environment. Additional skills that will be taught in this lab will include wound exposure, hemostasis in surgery, care and handling of surgical specimens, and urinary catheterization. Prerequisites: ST 102 and ST 112 Corequisite: ST 103

ST 206 (P/T) 10 Credits

### SURGICAL PROCEDURES I

Quarters: Offered as needed

The didactic portion of this course is designed to teach various surgical procedures within the general, pediatric, obstetrics, gynecologic and genitourinary specialties. Content will include medical terminology, anatomy and physiology, surgical approaches, diagnostic procedures and pathology used to obtain a diagnosis, preoperative preparations, supplies, instrumentation and equipment, medications, wound classifications and postoperative care, as it relates to each procedure. The purpose of the clinical portion of this course is to provide students with clinical rotations within the operating room and allow students to obtain required case counts, with the goal to develop a well rounded, competent, entry-level surgical technologist. Students will be required to complete a minimum of 120 surgical cases in various specialties, defined within the Core Curriculum for Surgical Technology, 7th edition, published by the Association of Surgical Technologist. Prerequisites: ST103 and ST113

ST 207 (P/T) 10 Credits

### SURGICAL PROCEDURES II

Quarters: Offered as needed

The didactic portion of this course is designed to teach various surgical procedures within the orthopedic, ophthalmologic, and neurosurgery specialties. Content will include medical terminology, anatomy and physiology, surgical approaches, diagnostic procedures and pathology used to obtain a diagnosis, preoperative preparations, surgical supplies, instrumentation and equipment, medications, wound classifications and postoperative care, as it relates to each procedure. The purpose of the clinical portion of this course is to provide students with clinical rotations within the operating room and allow students to obtain required case counts, with the goal to develop a well rounded, competent, entry-level surgical technologist. Students will be required to complete a minimum of 120 surgical cases in various specialties, defined within the Core Curriculum for Surgical Technology, 7th edition, published by the Association of Surgical Technologist. Prerequisites: ST 206

ST 208 (P/T) 10 Credits

### SURGICAL PROCEDURES III

Quarters: Offered as needed

The didactic portion of this course is designed to teach various procedures within the Otorhinolaryngologic, oromaxillofacial, plastic, cardiovascular, and peripheral vascular specialties. Content will include medical terminology, anatomy and physiology, surgical approaches, diagnostic procedures and pathology used to obtain a diagnosis, preoperative preparations, supplies, instrumentation and equipment, medications, wound classifications and postoperative care, as it relates to each procedure. The purpose of the clinical portion of this course is to provide students with clinical rotations within the operating room and allow students to obtain required case counts, with the goal to develop a well rounded, competent, entry-level surgical technologist. Students will be required to complete a minimum of 120 surgical cases in various specialties, defined within the Core Curriculum for Surgical Technology, 7th edition, published by the Association of Surgical Technologist. Prerequisites: ST 207

ST 209 (P/T) 1 Credit

### SURG TECH TEST PREP AND JOB SKILLS

Quarters: Offered as needed

The purpose of this course is to provide students with employability skills, including interview strategies, resume assistance, and employment strategies to help students find employment after graduation. The course will also provide test preparation for the national certification exam. Prerequisites: ST 207