

AJ 100A Basic Police Academy**Units:** 21.0 TO 24.0 **Hours:** 12.0 TO 15.0 Lecture, 37.0 TO 44.0 Laboratory**Transferable:** CSU

This 884 - 1062 variable unit course satisfies required training mandates governed by the Commission on Peace Officer Standards and Training (POST) entry level Peace Officers. The course includes principles, procedures and techniques of law enforcement, including: Criminal Justice Law, Patrol and Investigation procedures, Defensive Tactics, Firearms/Chemical Agents, Leadership, Ethics, Community Relations, Police Vehicles Operations, Traffic Enforcement, Cultural Diversity, Report Writing, and First Aid/CPR. Course requires significant time commitment and outside course work including uniform preparation, homework assignments and equipment maintenance. **PREREQUISITES:** 1) Completion of POST approved pre-entry English skills assessment examination and physical agility test. 2) Medical clearance by a licensed physician. 3) Penal Code Section 13511.5 requires that each applicant for admission to the Basic Police Academy course shall be required to submit written certification from the Department of Justice that the applicant has no criminal history background which would disqualify him or her, from owning, possessing, or having under his or her control a firearm.

AJ 105P Standards and Training for Corrections**Units:** .5 OR 1.0 **Hours:** 5.0 OR 10.0 Lecture, 15.0 OR 30.0 Laboratory**Transferable:** CSU

This is a 32 to 40 hour variable unit course designed to meet advisory board, state standards, and agency education and training objectives for probation officers, and adult and juvenile institution staff. This course may be repeated for credit to meet training mandates. Subjects/topics include: legal and procedural issues; communication; safety and security protocols, medical and mental/emotional issues; managing casework; and, management and supervision issues. Subjects/topics may change with advisory board, state standards, and agency education and training objectives. **REQUIRED:** Title 15, Division 1, Chapter 1, Subchapter 1, Sections 100 through 358 of the California Code of Regulations states in part: Agencies eligible for participation in STC include those of any county, city and county, or city defined as: county probation departments; county or city jails designated as Types I, II, III or IV by Title 15 CCR; or, juvenile institutions that operate as a separate entity or under jurisdiction of a county probation department, as described in Section 872 and 885 of the Welfare and Institutions Code. Staff deemed eligible for inclusion in the STC Program (those regulated by STC), are those that occupy regular budgeted positions in an agency.

AJ 107A Adult Corrections Officer Core Academy**Units:** 4.0 TO 6.0 **Hours:** 3.3 TO 5.9 Lecture, 6.5 TO 7.9 Laboratory**Transferable:** CSU

This 176-248 hour variable course is designed to meet the California Corrections Standard Authority (CSA) requirements for entry-level training of Correctional Officers for adult institutions. The course includes lecture and practical application skills and knowledge including roles and responsibilities of the adult corrections officer, Title 15, Title 24, professionalism and ethics, and proper techniques to maintain the safety and security of inmates. **PREREQUISITE:** 1. Successful completion of STC approved pre-entry written and physical assessment examinations provided by the Academy. 2. Students must complete a Department of Justice background investigation and meet requirements as set forth in Government Code 1029 for qualification as a Corrections Officer. 3. Medical clearance by a licensed physician.

AJ 129P PC 832 Without Firearms**Units:** 1.0 **Hours:** 10.0 Lecture and 30.0 Laboratory**Transferable:** CSU

This class is designed for "defined" peace officers other than sworn law enforcement personnel. This course satisfies PC 832 requirements for entry level but does NOT include firearms. This course is certified by State Board of Corrections Standards of Training. The curriculum covers professional orientation, laws of arrest, search, seizure, evidence, preliminary investigations, communications and arrest techniques. **REQUIRED:** Title 15, Division 1, Chapter 1, Subchapter 1, Sections 100 through 358 of the California Code of Regulations states in part: Agencies eligible for participation in STC include those of any county, city and county, or city defined as: county probation departments; county or city jails designated as Types I, II, III or IV by Title 15 CCR; or, juvenile institutions that operate as a separate entity or under jurisdiction of a county probation department, as described in Section 872 and 885 of the Welfare and Institutions Code. Staff deemed eligible for inclusion in the STC Program (those regulated by STC), are those that occupy regular budgeted positions in an agency. May be repeated once for credit.

AJ 173 Fundamentals of Probation and Parole**Units:** 3.0 **Hours:** 3.0 Lecture**Transferable:** CSU

This course is designed to examine the various components in probation and parole; including probation supervision, presentence investigation reports, various jail alternative programs, the early development of probation, the study of the juvenile justice system, and the special needs of offenders. **ADVISORY:** Eligible for English 250 and English 260.

AJ 176 Criminal Street Gangs**Units:** 3.0 **Hours:** 3.0 Lecture**Transferable:** CSU

This course is designed to explore historical developments, origins, philosophy and current trends and activities in criminal street gangs within California. It will explore areas of violence, recruitment, drug use, graffiti and attire; with emphasis placed on organization within gangs and their racial backgrounds. Types of solutions within the criminal justice system used to combat street gangs is also included. **ADVISORY:** Eligible for English 250 and English 260.

AJ 179P Juvenile Counselor Core**Units:** 4.0 **Hours:** 30.0 Lecture and 14.0 Laboratory**Transferable:** CSU

The Juvenile Counselor Core Course is designed to meet the California Board of Corrections requirements, entry level. Also listed as JLE 179.

AJ 184 Computer Forensics**Units:** 3.0 **Hours:** 2.0 Lecture and 3.0 Laboratory**Transferable:** CSU

Introduction to computer crime investigation processes. The student is introduced to the hardware, software, networks and devices found in typical home and business settings. Techniques and equipment used to collect evidence, ensure integrity, locate and prepare data for forensic investigation. Covers chain of custody requirements for admissible evidence, data formats for a variety of modern equipment, and recovery of deleted or encrypted information. This course has the option of a letter grade or pass/no pass. This course is also listed as CSIS 184.

AJ 190 Occupational Work Experience / Administration of Justice**Units:** 1.0 TO 4.0 **Hours:** 5.0 TO 20.0 Laboratory**Transferable:** CSU

Occupational work experience for students who have a job related to their major. A training plan is developed cooperatively between the employer, college and student. (P/NP grading) 75 hours per semester paid work = 1 unit. 60 hours non-paid (volunteer) work per semester = 1 unit. May be taken for a maximum total of 16 units. Minimum 2.00 GPA. **REQUIRED:** Declared vocational major.

ALLIED HEALTH**Also see: Health Education****AH 3 The Person in the Life Cycle****Units:** 3.0 **Hours:** 3.0 Lecture**Transferable:** CSU, UC; CSU-GE:E2; GAV-GE:E2, F

Interaction of social, emotional, intellectual, and physical attributes related to the development and realization of human potential across the life span. (C-ID: PSY 180) **PREREQUISITE:** Eligible for English 250 and English 260.

AH 8 General Microbiology**Units:** 5.0 **Hours:** 4.0 Lecture and 3.0 Laboratory**Transferable:** CSU, UC; CSU-GE:E2, B3, IGETC:5B, 5C; GAV-GE:B2, B3; CAN:BIO14

An introduction to microbiology with an emphasis on bacteriology. Includes the study of morphology and physiology of microorganisms, a survey of infectious diseases, immunology and techniques for culture and control of microorganisms. This course is also listed as BIO 8. **PREREQUISITE:** Biological Science 10 or 15 with a grade of credit or C or better. **ADVISORY:** Chemistry 30A and Chemistry 30B; eligible for English 250, 260 and Mathematics 205.

AH 9 Human Physiology**Units:** 5.0 **Hours:** 4.0 Lecture and 3.0 Laboratory**Transferable:** CSU, UC; CSU-GE:B2, B3, IGETC:5B, 5C; GAV-GE:B2, B3; CAN:BIO12

A study of the functions of the major organs and organ systems of the human body, emphasizing control at the cellular level, integration of systems and homeostasis of the human body. This course is also listed as BIO 9. **PREREQUISITE:** Biological Science 7 or 15 with a grade of credit or C or better or equivalent. **ADVISORY:** Chemistry 30A and Chemistry 30B; eligible for English 250, English 260 and Mathematics 205.

AH 11 Nutrition**Units:** 3.0 **Hours:** 3.0 Lecture**Transferable:** CSU, UC; CSU-GE:E2; GAV-GE:E2, F; CAN:FCS2

This course is designed to meet the needs of the Allied Health student and the general education student alike. The major aim of this course is to help the student acquire relevant information about nutrition which they can use professionally and/or personally. The course will cover the practical aspects of normal nutrition, ways to promote sound eating habits throughout the life cycle, and physiological contribution nutrients make to body structure and function. This course is also listed as BIO 11. **PREREQUISITE:** Eligible for English 250 and English 260. **ADVISORY:** Chemistry 30A and Mathematics 205.

AH 15 Survey of Human Anatomy and Physiology**Units:** 5.0 **Hours:** 4.0 Lecture and 3.0 Laboratory**Transferable:** CSU, UC; CSU-GE:B2, B3, IGETC:5B, 5C; GAV-GE:B2, B3

An introductory study of the structure and function of the human body. Includes study at the cellular and organ system levels, emphasizing integration of systems. Note that a cadaver will be observed in this course. This course is also listed as BIO 15. **ADVISORY:** Biology 10 or Biology 12 with a grade of 'C' or better. Eligible for English 250, English 260 and Mathematics 205. Course will include viewing of a cadaver.

AH 16A IV Therapy / Blood Withdrawal / A**Units:** 1.0 **Hours:** 1.0 Lecture**Transferable:** CSU

Theoretical application and clinical techniques required for safe administration of IV therapy and withdrawal of blood for testing. (Approved by the Board of Vocational Nursing for certification in IV Therapy and Blood Withdrawal. Approved for continuing education credit BRN #00892). Previously listed as AH 16. **COREQUISITE:** Enrollment in AH 51 or current active LVN licensure in California. \$50.00 course materials fee payable at registration.

AH 16B IV Therapy / Blood Withdrawal / B**Units:** 1.0 **Hours:** 1.0 Lecture**Transferable:** CSU

Theoretical application and clinical techniques required for safe administration of IV therapy and withdrawal of blood for testing. (Approved by the Board of Vocational Nursing for certification in IV Therapy and Blood Withdrawal. Approved for continuing education credit BRN #00892). Previously listed as AH 16. **COREQUISITE:** Enrollment in AH 52 or current active LVN licensure in California. \$50.00 course materials fee payable at registration.

AH 16C IV Therapy / Blood Withdrawal / C**Units:** 1.0 **Hours:** 1.0 Lecture**Transferable:** CSU

Theoretical application and clinical techniques required for safe administration of IV therapy and withdrawal of blood for testing. (Approved by the Board of Vocational Nursing for certification in IV Therapy and Blood Withdrawal. Approved for continuing education credit BRN #00892). Previously listed as AH 16. **COREQUISITE:** Enrollment in AH 53 or current active LVN licensure in California. \$50.00 course materials fee payable at registration.

AH 16D IV Therapy / Blood Withdrawal / D**Units:** 1.0 **Hours:** 1.0 Lecture**Transferable:** CSU

Theoretical application and clinical techniques required for safe administration of IV therapy and withdrawal of blood for testing. (Approved by the Board of Vocational Nursing for certification in IV Therapy and Blood Withdrawal. Approved for continuing education credit BRN #00892). Previously listed as AH 16. **COREQUISITE:** Enrollment in AH 54 or current active LVN licensure in California. \$50.00 course materials fee payable at registration.

AH 30 Standard First Aid and Cardiopulmonary Resuscitation**Units:** 2.0 **Hours:** 2.0 Lecture**Transferable:** CSU, UC; GAV-GE:E2

First aid training to prepare people to meet the needs of emergencies when medical assistance is delayed. Incorporates the techniques of cardiopulmonary resuscitation. Includes information on the care of wounds, fractures, burns, poisoning, shock, as well as elementary rescue transportation. A satisfactory grade qualifies the student for a Red Cross Standard First Aid card and the Red Cross CPR card. May be repeated three times for credit.

AH 32 Basic Cardiac Life Support**Units:** 1.0 **Hours:** 1.0 Lecture**Transferable:** CSU

Course designed to teach students skills in adult, child and infant cardiopulmonary resuscitation. Specifically designed for health professionals. Successful completion will result in certification by the American Heart Association or American Red Cross. This is a pass/no pass course. May be repeated three times for credit. \$12.00 course material fee. Additional \$5.00 due upon completion for certification card.

AH 51 Medical-Surgical Nursing**Units:** 11.0 **Hours:** 6.0 Lecture and 15.0 Laboratory**Transferable:** CSU

Course is designed to provide a basic introduction to patient care within the role of the nurse. Emphasizes principles and skills necessary for safe, effective care. Content includes introduction to health care, effective communication, client rights and needs, asepsis, personal care, safety, and gerontology. Related pharmacology is included. \$100 course material fee, payable at registration. **PREREQUISITE:** Admission to the nursing program. **COREQUISITE:** AH 16A.

AH 52 Medical-Surgical Nursing**Units:** 11.0 **Hours:** 6.0 Lecture and 15.0 Laboratory**Transferable:** CSU

Course is designed to provide both theoretical and clinical experience in the care of adult, medical-surgical clients. This course will further refine basic nursing skills and introduce more complicated nursing situations. Content includes pre-operative and post-operative care of the client with pain, cancer, and care of the client with disorders of musculoskeletal, integument, gastrointestinal, and respiratory systems. Related pharmacology is included. \$100 course material fee, payable at registration. **PREREQUISITE:** Completion of AH 51. **COREQUISITE:** AH 16B.

AH 53 Medical-Surgical - Maternal-Neonatal Nursing**Units:** 11.0 **Hours:** 6.0 Lecture and 15.0 Laboratory**Transferable:** CSU

Course contains two components to provide theoretical and clinical experience in medical-surgical and maternal- neonatal nursing. Content includes care of clients with disorders of the circulatory, urinary and reproductive systems, normal pregnancy and birth, common or major complications, care of the normal newborn, and neonate with special problems. Related pharmacology is included. \$100 course material fee, payable at registration. **PREREQUISITE:** Completion of AH 51 and AH 52. **COREQUISITE:** AH 16C.

All courses listed here are part of Gavilan College's approved curriculum.
All courses are not offered every semester. Check the Class Schedule for current offerings.

AH 54 Medical-Surgical / Pediatric Nursing

Units: 11.0 **Hours:** 6.0 Lecture and 15.0 Laboratory
Transferable: CSU

Course contains two components to provide theoretical and clinical experience in medical surgical and pediatric nursing. Content includes care of clients with disorders of the endocrine and neurosensory systems, mental health, emergency nursing and care of the child, including preventative measures and health teaching. A leadership component is included to prepare the student for the realistic work assignment of the nurse. \$100 course material fee, payable at registration. **PREREQUISITE:** Completion of AH 51, 52 and 53. **COREQUISITE:** AH 16D.

AH 55 Interactive and Mental Health Nursing

Units: 10.0 **Hours:** 5.5 Lecture and 13.5 Laboratory
Transferable: CSU

The dynamics of leadership and management in nursing, including concepts of basic mental health. Progresses from basic mental health knowledge and skills to the refinements involved in psychiatric nursing practice as it relates to all age groups. Incorporates nursing concepts and nursing experiences relative to human sexuality, child abuse and cultural and ethnic diversity. \$100 course material fee, payable at registration. **PREREQUISITE:** Admission to advanced standing / RN program and California IV Certification and successful completion of AH 51, 52, 53 and 54 or equivalent.

AH 56 Compensatory Nursing Practice

Units: 10.0 **Hours:** 5.5 Lecture and 13.5 Laboratory
Transferable: CSU

Concepts and principles of the nursing process applied to preventative, remedial, supportive, rehabilitative, and teaching aspects in meeting the health needs of the patient requiring compensatory nursing interventions. Incorporates nursing concepts and experiences with all age groups, including senior adults. \$100 course material fee, payable at registration. **PREREQUISITE:** Successful completion of AH 55 and an active valid, unrestricted California LVN.

AH 140 Online Health Research

Units: 2.0 **Hours:** 2.0 Lecture
Transferable: CSU

A beginning course on how to find reliable, current health-related information, using the Internet and other electronic resources. This course is also listed as LIB 140.

AH 170 Basic Clinical Medical Assisting

Units: 6.0 **Hours:** 4.0 Lecture and 6.0 Laboratory
Transferable: CSU

Course provides a basic introduction to clinical medical assisting. Emphasizes principles, understanding of skills necessary to perform basic clinical medical assisting procedures safely and effectively. **PREREQUISITE:** Eligible for English 250, English 260 and Mathematics 205.

AH 171 Advanced Clinical Medical Assisting

Units: 6.0 **Hours:** 4.0 Lecture and 6.0 Laboratory
Transferable: CSU

Course provides instruction and clinical experience in advanced concepts of clinical medical assisting including specialty procedures and treatments. **PREREQUISITE:** AH 170 with a grade of C or better or equivalent. Equivalency determined by written and performance exams.

AH 180 Fundamentals of Nursing--Convalescent

Units: 8.0 **Hours:** 6.0 Lecture and 7.0 Laboratory
Transferable: CSU

A course to provide a basic introduction to patient care in the convalescent setting. Emphasizes principles, understanding and skills necessary to perform basic nursing procedures safely and effectively. Includes introduction to health care, planning, safety, infection control, personal care, basic procedures, rehabilitation, nutrition and clients' rights and needs. At the completion of this course students will qualify for state certification as a nursing assistant. **PREREQUISITE:** Eligible for English 250 and English 260 and eligible for MATH 205 or MATH 430. Clearance from the Department of Health Services (Form HS283), fingerprint card, and health clearance required prior to clinical placement. Health and fingerprint clearance required prior to clinical placement. Uniform, shoes, watch, and stethoscope required. Clinical in Morgan Hill or Hollister, as assigned.

AH 182 Home Health Care

Units: 2.0 **Hours:** 1.5 Lecture and 1.5 Laboratory
Transferable: CSU

Course is designed to prepare students to provide basic health care in the home. Includes interpretation of medical/social needs, personal care services, cleaning tasks, nutrition, and the scope of limitations of a home health aide. All students who achieve a grade of "C" or better will be eligible for a Home Health Aide certificate from the State of California. **PREREQUISITE:** California CNA certification or concurrent enrollment in AH 180 or equivalent. Equivalency determined by written and performance exams. Also, eligible for English 250 and English 260. Clearance from the Department of Health Services (Form HS283), fingerprint card, and health clearance required prior to clinical placement.

AH 190 Occupational Work Experience / Allied Health

Units: 1.0 TO 4.0 **Hours:** 5.0 TO 20.0 Laboratory
Transferable: CSU

Occupational work experience for students who have a job related to their major. A training plan is developed cooperatively between the employer, college and student. (P/NP grading) 75 hours per semester paid work = 1 unit. 60 hours non-paid (volunteer) work per semester = 1 unit. May be taken for a maximum total of 16 units. Minimum 2.00 GPA. **REQUIRED:** Declared vocational major.

AH 191A Workplace Skills

Units: 1.0 **Hours:** 1.0 Lecture
Transferable: CSU

Workplace Skills teaches skills vital to workplace success. The topic for 191A is Interpersonal Communication. Need not be taken in sequence. This is a pass/no pass course.

AH 191B Workplace Skills

Units: 1.0 **Hours:** 1.0 Lecture
Transferable: CSU

Workplace Skills teaches skills vital to workplace success. The topic for 191B is Team Building. Need not be taken in sequence. This is a pass/no pass course.

AH 191C Workplace Skills

Units: 1.0 **Hours:** 1.0 Lecture
Transferable: CSU

Workplace Skills teaches skills vital to workplace success. The topic for 191C is Problem-Solving. Need not be taken in sequence. This is a pass/no pass course.

Anatomy: see Biological Sciences

ANTHROPOLOGY**ANTH 1 Introduction to Physical Anthropology**

Units: 3.0 **Hours:** 3.0 Lecture
Transferable: CSU, UC; CSU-GE:B2, IGETC:5B; GAV-GE:B2; CAN:ANTH2

Explores and analyzes human biological, social and cultural development over the last several million years. The implications of evolutionary theory for the world today are considered. Principal topics are evolutionary theory, Mendelian and molecular genetics, the fossil record, primatology, the nature of human diversity, biocultural analysis of malnutrition, and the question of continuing evolution. **ADVISORY:** English 250, English 260 and Mathematics 205.

ANTH 2 Introduction to Archaeology

Units: 3.0 **Hours:** 3.0 Lecture
Transferable: CSU, UC; CSU-GE:D1, IGETC:4A; GAV-GE:D2

The study of the human past through material culture remains. Artifacts, sites, settlements and landscapes will be studied to help reveal how people lived, how they saw themselves and their world, what the environment was like and how these factors interrelated and changed through time. Explores and analyzes the development of the concepts and methods of anthropological archaeology. Surveys selected prehistoric cultures. Training in archaeological methods, site recognition, recording and preservation, and cultural resource management. **ADVISORY:** Recommended English 250 and English 260.