This course provides experience in dance band/studio band performance. Students will rehearse standard and special arrangements with emphasis on sight-reading, intonation, jazz feel and improvisation. Music is prepared for public performances. Proficiency on an appropriate instrument and a successful audition are required for continued enrollment.

MUSIC 780: Jazz Combo Workshop
- 1 unit, Letter, 3 lab
- DA, CSU/UC
- Prerequisite: placement audition
- Students will organize musical pieces, rehearse and perform a variety of jazz standards in jazz combo settings. Emphasis is on presentation, ensemble playing, improvisation, and live performance. A successful audition on the first day of class is required for placement and continued enrollment.

NURSING 185: Directed Study - Nursing
- 1 unit, P/NP, 1 lec
- DA, CSU
- Corequisite: NURSING 313, 321, 323, or 325
- Students are encouraged to pursue Directed Study in Nursing under the direction of a supervising instructor. Study is coordinated with current course content and skill development needs, and response to individual learning styles for practice and feedback.

NURSING 302: Mathematics of Drugs and Solutions
- 3 units, Letter, 3 lec
- DA, CSU
- After a review of relevant basic arithmetic, the student will use concepts of higher mathematics to gain knowledge of measurement systems, including apothecary and metric, and techniques, including solving for an unknown, for computing medication dosages, I.V. flow rates, and weight related dosages for children and adults.

NURSING 311: Communication in Nursing
- 1 unit, Letter, 1 lec
- DA, CSU
- Prerequisite: official admission to the Nursing Program or currently licensed LVN taking required transition courses prior to application to RN Program.
- This course provides theoretical knowledge and practical experience needed by the nursing student to understand and effectively use basic communication skills to interact therapeutically with patients, communicate in groups, institute a teaching-learning plan, and begin the journey to cultural competence.

NURSING 313: Introduction to Nursing Practice
- 4 units, Letter, 1.75 lec/6.75 lab
- DA, CSU
- Prerequisite: completion and verification of all program prerequisites and official admission to the nursing program: ANATOMY 1, PHYSIOL 1, MICRO 20U, MICRO 20L, ENGLISH 101, PSYCH 1, PSYCH 41; Corequisite: NURSING 321; Advisory Corequisite: NURSING 185
- This course is an introduction to nursing and prepares the student to give care to the hospitalized patient, with focus on the (geriatric) mature adult. It includes introduction to the hospital environment and universal standards, basic nursing procedures, and utilization of the Nursing Process. After satisfactory completion of the course, the student can function at the beginning nurse aide level.

NURSING 315: Fundamentals of Nursing Process and Practice
- 4 units, Letter, 1.75 lec/6.75 lab
- DA, CSU
- Prerequisite: completion and verification of all program prerequisites and official admission to the nursing program and NURSING 313; Corequisite: or Prerequisite: NURSING 311
- This course uses the nursing process to assess adult and older adult needs, plan and implement nursing interventions and evaluate their effectiveness. Calculation and administration of medication, flow rate determination, asepsis and sterile technique, preoperative care, nutritional problem solving, and advanced skills are developed. Principles and practice of therapeutic communication and teaching are utilized. Documentation and legal obligations are focused. There is a practicum included with this course. (After successful completion of this course the student is eligible to complete examination for Certified Nurse Attendant.)

NURSING 318: Patient Care Seminar I
- 2 units, P/NP, 2 lec
- DA, CSU/UC
- Corequisite: NURSING 333, 335, 339, 343, 345 or 347 and enrollment in Nursing Program Course with a clinical component
- This course is strongly recommended for continuing nursing students enrolled in classes with clinical labs. Sections are course specific. An elective, but strongly recommended, instructor guided course to facilitate
development of knowledge and skills needed to safely assess, plan, and implement client care. Has individual and group work.

NURSING 321: Nursing Process
- 1 unit, Letter, 1 lec
- DA, CSU
- Prerequisite: official admission into the nursing program or experience in Nursing permitting advanced placement in the Nursing Program and ANATOMY 1, ENGLISH 101, MICRO 20, and PHYSIO 1; Corequisite: NURSING 311 and 313; Advisory Corequisite: NURSING 185
- This course introduces the concepts and provides practice experiences to understand and use the nursing process and the Roy Adaptation Model for planning, implementing and evaluating client care. The course is divided into four units: The Roy Adaptation Model, the Nursing Process, and the use of the Nursing Process within the Physiological Mode, and the use of the Nursing Process within the Psycho-Social Modes.

NURSING 323: Nursing Process & Practice in the Care of Adult Client I
- 5 units, Letter, 3 lec/6 lab
- DA, CSU
- Prerequisite: completion of program prerequisites and all previous courses in Nursing with a grade of "C" or better. A passing score on the Mathematics skills test is required for satisfactory clinical performance; Corequisite: NURSING 325; Advisory Corequisite: NURSING 185
- Care of the medical-surgical patient with problems of the cardiovascular, peripheral vascular, endocrine, immune and hematological system, and oncological problems is emphasized. Nursing process based on the Roy Adaptation Model is continued. Communication and teaching are practiced. This course may have a practicum.

NURSING 325: Nursing Process & Practice in the Care of Adult Client II
- 5 units, Letter, 3 lec/6 lab
- DA, CSU
- Prerequisite: completion of program prerequisites and all previous courses in Nursing with a grade of "C" or better. A passing score on the Mathematics skills test is required for satisfactory clinical performance; Corequisite: NURSING 323; Advisory Corequisite: NURSING 185
- This course emphasizes care of the medical-surgical patient with nutritional, elimination, fluid and electrolyte, rest and activity, sensory and regulatory needs, and connective tissue disorders. Nursing process based on the Roy Adaptation Model is continued. Communication and teaching are practiced. This course may have a practicum.

NURSING 327: Patient Care Management I
- 2 units, P/NP, 6 lab, 108:00 TBA
- DA, CSU
- Prerequisite: NURSING 311, 313, 315, and 321 and eligibility for the second semester, or admitted to the program Advanced placement and completed one semester of clinical course work with a grade of "C" or better. Repeat: Eligible for 4th semester of nursing program.
- This elective course will increase proficiency in the use of the nursing process and Roy Adaptation Model for the administration of client care. The clinical focus of care of clients with physiological mode problems will increase competency in client care management. Client care may include practice in specialty areas already successfully completed prior to this course. Staff preceptors may be used. This course may be scheduled at times to be arranged (TBA) for a minimum of 108:00 hours.

NURSING 329: Role Transition LVN to RN
- 2 units, Letter, 2 lec
- DA, CSU
- Prerequisite: current California LVN license or experience in nursing permitting advanced placement in the nursing program; Corequisite: NURSING 311
- This course is designed to assist the L.V.N. to make a successful transition to role of RN student and pursue an RN license. Content will focus on resources available, role development, learning styles, dosage calculations, and heart, lung and bowel assessment. In addition topics in critical thinking, documentation of history/assessment, nursing process, and administration of IV piggyback medications are also covered.

NURSING 329A: Role Transition LVN to RN
- 1 units, Letter, 1 lec, DE
- DA, CSU
- Prerequisite: current LVN license or experience in nursing permitting advanced placement in nursing program; Advisory Corequisite: NURSING 321
- This online is designed to assist the L.V.N. to make a successful transition to role of RN student and pursue a RN license. Content will focus on resources available, role development, learning styles, dose calculations, and heart, lung and bowel assessment.

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NURSING 329B: Role Transition LVN to RN
- 1 units, Letter, 1 lec, DE
- DA, CSU
- Prerequisite: NURSING 329A and current LVN license or experience in Nursing permitting advanced placement in nursing program; Advisory Corequisite: NURSING 311 and ANTRHO 101
- Continues with content to assist the L.V.N. to make a successful transition to the role of R.N. nursing student. Content will focus on critical thinking, documentation of history and assessment, nursing process, and calculation and administration of IV piggyback medications.

NURSING 333: Nursing Process & Practice in Health Care of Women/Families
- 3 units, Letter, 1.5 lec/4.5 lab
- DA, CSU
- Prerequisite: completion of all program prerequisites in all first-year Nursing Program courses OR admission through the Advanced Placement LVN to RN route, and Prerequisite: NURSING 325; Advisory Corequisite: NURSING 318
- Students experience includes both theory and practice in meeting the health care needs of women, and of the families during childbearing. Psychosocial as well as psychological nursing concepts, including cultural, emotional, developmental, and environmental are emphasized. Settings include hospitals, clinics, and parent education classes.

NURSING 335: Nursing Process and Practice in the Care of Children
- 3 units, Letter, 1.67 lec/4.5 lab
- DA, CSU
- Prerequisite: completion of all program prerequisites in all first-year Nursing Program courses OR admission through the Advanced Placement LVN to RN route, and Prerequisite: NURSING 325; Advisory Corequisite: NURSING 318
- Through the utilization of developmental theories (primarily Erikson & Piaget) and the Roy Adaptation Model of Nursing, this course focuses on the assessment, identification, and nursing interventions of the biopsychosocial problems of children and their families. Nursing action is directed toward the integration of growth and development principles in the care of the child in relation to health-illness continuum. The student will contribute to the development of an optimal environment of the child in the hospital setting, in clinics, and in school facilities.

NURSING 339: Nursing Proc & Practice in the Care of the Geriatric Client
- 2 units, Letter, 1 lec/3 lab
- DA, CSU
- Prerequisite: completion of all program prerequisites and NURSING 333 and 335 and preceding nursing courses, OR admission to Nursing Program "LVN-30 unit option route. Advisory Corequisite: NURSING 318
- This course focuses on the Geriatric patient, integrating content of the Roy Adaptation Model and the Nursing Process. Clinical facilities include Long Term Care facilities, Home Health Agencies, and Day Care Centers/Assisted Living Facilities. Intravenous therapy (venipuncture) is introduced in this course.

NURSING 343: Nursing Process & Practice in Psychosocial Adaptation of Client
- 3 units, Letter, 1.5 lec/4.5 lab
- DA, CSU
- Prerequisite: NURSING 339 and admission to Nursing Program, and LVN Advanced Placement: completion of required 2nd and 3rd semester nursing program courses and cognates; Advisory Corequisite: NURSING 318
- This course is designed to provide neurobiopsychosocial theoretical knowledge correlated with clinical experience in planning and administering evidence-based nursing care to the psychiatric client in the acute care setting. The Roy Adaptation Model is utilized as a framework for assessment within the Nursing Process for client care. Emphasis is placed on holistic care of the client with mental health disorders across the lifespan, via therapeutic communication, incorporating relevant cultural or ethnic considerations.

NURSING 345: Nursing Process & Practice in the Care of Adult Client III
- 3 units, Letter, 1.5 lec/4.5 lab
- DA, CSU
- Prerequisite: NURSING 339 and admission to Nursing Program, and LVN Advanced Placement: completion of required 2nd and 3rd semester nursing program courses and cognates
- This course emphasizes the nursing process and the Roy Adaptation model in the care of clients with complex medical-surgical problems. High acuity care settings and the critical care units are utilized.

NURSING 347: Leadership and Management
- 3 units, Letter, 0.5 lec/7.5 lab
- DA, CSU

Student learning outcomes may appear in any or all of the following online locations: linked to the course outline at https://ecd.laccd.edu/Default.aspx, and/or listed at http://www.lahc.edu/facultystaff/slo/courseassessment.html, and/or https://effectiveness.lahc.edu/cpc/haps/SitePages/2015-18%20SLO-SAO%20Assessment.aspx. If so, those listed on the last site supersede all others.
NURSING 399A: Certified Nurse Assistant
- 7 units, Letter, 4.5 lec/7.5 lab
- DA
- Prerequisite: must have AHA healthcare Provide BCLS card, have background check, and meet all health requirements of clinical agency prior to beginning clinical.
- This combined lecture/lab course teaches the student the theory and clinical skills needed to work with clients in the long-term care facility, the acute setting, and the home care setting. Emphasis is given to safety principles and to methods for providing physical care and emotional and social support. Upon successful completion of this course, the student will be eligible to apply for certification as a Certified Nurse Assistant and Home Health Aide in the state of California.

NURSING 399B: Certified Home Health Aide
- 2 units, Letter, 1 lec/2 lab
- DA
- Prerequisite: NURSING 399A and valid CNA license
- This combined lecture/lab course teaches the student the theory and clinical skills needed to work with clients in the home care setting. Emphasis is given to safety principles and to methods for providing physical care and emotional and social support. Upon successful completion of this course, the student is eligible to apply for certification as a Home Health Aide in the state of California.

OCEANO 1: Introduction to Oceanography
- 3 units, Letter, 3 lec
- DA, CSU/UC, LACCD A, CSUGE B1, IGETC 5A
- This course introduces the student to the field of physical oceanography. Major topics include Plate Tectonics and features of the seafloor, islands, and coastlines, properties of seawater, waves, tides, currents, marine resources and pollution, and the effects of oceanographic factors on marine life. Field trips to coastal areas are made.

OCEANO 10: Physical Oceanography Laboratory
- 2 units, Letter, 1 lec/2 lab
- DA, CSU/UC, CSUGE B3, IGETC 5C
- Prerequisite or Corequisite: OCEANO 1
- This course introduces the student to the tools of oceanography and what is being used in oceanographic research today. The student will also learn analytic techniques used to study oceanographic features, seawater properties, currents, tides, and waves. Field trips to coastal southern California are made.

OCEANO 12: Lectures in Marine Biology
- 3 units, Letter, 3 lec
- DA, CSU/UC, LACCD A, CSUGE B2, IGETC 5B
- This course investigates the intertidal and offshore habitats. Included in the course is the study of marine plants and animals; their morphology, physiology, symbiotic relationships, ecology and issues of

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