

EL CAMINO COLLEGE
MINUTES OF THE COLLEGE CURRICULUM COMMITTEE
JUNE 5, 2018

CALL TO ORDER

Meeting called to order at 2:33 p.m. by Chair Young.

Recorder: C. Escutia

Members:

Present: M. Anderson, M. Chaban, R. Davis, R. Donegan, D. Eldanaf, L. Houske, J. Minei,
R. Miranda, D. Roman, A. Sharp, C. Striepe

Absent: R. Ekimyan, E. French-Preston, J. Shankweiler

Ex-Officio Members:

Present: L. Clowers, L. Plum, L. Suekawa

Absent: I. Castro, A. Osanyinpeju, L. Young

Guests: W. Cox, P. Kidwell-Udin, L. Linka, J. Meredith

I. APPROVAL OF MINUTES

Minutes of May 22, 2018, were approved via email by the College Curriculum Committee on June 4, 2018.

II. CHAIR'S REPORT

College Curriculum Committee Chair – J. Young

Chair Young thanked the Committee for approving the minutes from the May 22 meeting and for attending the meeting during our final week of the semester. Chair Young shared the slide that she had presented to the Academic Senate earlier in the day which outlines the work of the CCC this past semester. This included the approval of 256 proposals which included 6-year and CTE 2-year review, new courses, new degrees and certificates, revisions to degrees and certificates, and non-credit ESL courses. The CCC participated in regular trainings on various topics, the website was updated, forms and processes were refined, various catalog and curriculum management systems were researched, and DigArc was selected and approved by the Board in May.

Chair Young mentioned that the nursing proposals being voted on at today's meeting were the result of extraordinary work by a team of dedicated professionals which included Dr. Morris, Director of Nursing; Peggy Kidwell-Udin, who came out of retirement to serve as a consultant; the Nursing faculty who skillfully integrated the new concepts into the curriculum; the Nursing Division Curriculum Committee (DCC); the Health Sciences and Athletics DCC, Danielle Roman; the CCC Rep, Julie Meredith; the administrative assistant for HSA who entered all of the courses in CurricUNET and provided her expertise with the process; and the CCC members who carefully reviewed the courses and provided recommendations. This resulted in revisions to four courses, the development of 13 new courses, and revisions to two degrees. The revisions were necessary to make sure that the nursing program remains in compliance with the Board of Registered Nursing requirements.

III. CURRICULUM ADVISOR'S REPORT

Curriculum Advisor – L. Plum

L. Plum announced that the election result for the 2019-2021 CCC Chair was J. Young. The Fall 2018 Timeline has been posted on the Curriculum website and a copy was handed out with the agenda at the meeting today.

IV. CURRICULUM REVIEW

A. Full Course Review

The committee approved the following courses, which are ready for final action:

1. Business 28 (BUS 28)
2. English as a Second Language 52B (ESL 52B)
3. Music 101 (MUSI 101)
4. Nursing 143 (NURS 143)
5. Nursing 144 (NURS 144)
6. Nursing 146 (NURS 146)
7. Nursing 149 (NURS 149)
8. Nursing 220 (NURS 220)
9. Nursing 222 (NURS 222)
10. Nursing 224 (NURS 224)
11. Nursing 226 (NURS 226)
12. Nursing 230 (NURS 230)
13. Nursing 232 (NURS 232)
14. Nursing 234 (NURS 234)
15. Nursing 238 (NURS 238)
16. Nursing 240 (NURS 240)
17. Nursing 242 (NURS 242)
18. Nursing 244 (NURS 244)
19. Nursing 247 (NURS 247)
20. Nursing 248 (NURS 248)
21. Physical Science 25 (PSCI 25)

B. Full Program Review

The committee approved the following programs, which are ready for final action:

1. Computer Information Systems A.S. Degree
2. Computer Information Systems: Cisco Networking Administration Certificate of Achievement
3. Nursing A.S. Degree
4. Nursing: Upward Mobility (LVN to RN Option)

CURRICULUM DISCUSSION

A. Full Course Review

Business Division

Business 28 Written Business Communications was presented for course review. The course was revised in order to be submitted for inclusion in the IGETC pattern for critical thinking.

There were no questions or comments from the committee.

It was moved by M. Chaban to approve, D. Roman seconded. The motion carried.

Fine Arts Division

Music 101 Music Fundamentals was presented for course review. The course was revised to add a Distance Education online/hybrid addendum and to propose CSU GE Area C for the Arts.

There were no questions or comments from the committee.

It was moved by J. Minei to approve, A. Sharp seconded. The motion carried.

Health Sciences & Athletics Division

Nursing 48 (144), 145 (143), 149, and 155 (146) were presented for course review. Course numbers were changed to reflect the new numbering system so that students can clearly see the sequence for the courses.

Nursing 220, 222, 224, 226, 230, 232, 234, 238, 240, 242, 244, 247, and 248 were presented as new course proposals.

There were no questions or comments from the committee.

It was moved by D. Roman to approve, C. Striepe seconded. The motion carried.

Humanities Division

English as a Second Language 52B was presented for course review to add a Distance Education online/hybrid addendum.

There were no questions or comments from the committee.

It was moved by A. Sharp to approve, L. Houske seconded. The motion carried.

Natural Sciences Division

Physical Science 25 was presented for course review.

There were no questions or comments from the committee.

It was moved by R. Donegan to approve, C. Striepe seconded. The motion carried.

B. Full Program Review

Business Division

Computer Information Systems A.S. Degree and Cisco Networking Administration Certificate of Achievement were presented for program revision.

There were no questions or comments from the committee.

It was moved by M. Chaban to approve, J. Minei seconded. The motion carried.

Health Sciences & Athletics Division

The Nursing A.S. Degree and Upward Mobility (LVN to RN Option) were presented for program revision.

There were no questions or comments from the committee.

It was moved by D. Roman to approve, A. Sharpe seconded. The motion carried.

V. VICE PRESIDENT'S REPORT – No Report

VI. ADMINISTRATIVE POLICY 4022 - Course Approval - 2nd Reading

Chair Young reminded the CCC that this is the second reading for this administrative procedure. The main revision to the procedure was to item #4 that limits the maximum number of semester units of non-degree applicable or degree-applicable courses, which are not part of a permitted education program that may be applied toward a certificate or degree, to 18 semester units. Prior to this, the actual number of units was not part of the procedure.

It was noted that in the first paragraph, the second sentence is redundant and should be removed. A discussion ensued regarding the first paragraph, first sentence and language stating that new courses shall be submitted to the Chancellor's Office for approval as required. Chair Young to check with J. Shankweiler regarding verbiage.

VII. ANNOUNCEMENTS

- Next CCC Meeting #1: September 11, 2018 – 2:30-4:30 p.m., DE/Library 166

VIII. ADJOURNMENT

Chair Young called for a motion to adjourn the meeting. M. Chaban moved to adjourn, C. Striepe seconded, and the motion carried. Meeting was adjourned at 2:58 p.m.

EL CAMINO COLLEGE
COLLEGE CURRICULUM COMMITTEE

June 5, 2018

Approved Curriculum Changes Proposed for 2019-2020

New Courses

1. Nursing 220 - Nursing Fundamentals

Units: 3.5 Lecture Hours: 2.0 Lab hours: 4.5 Faculty Load: 35.83%

Prerequisite: Nursing 143 and Nursing 144 and Nursing 146 and Medical Terminology 1 with a minimum grade of C in all prerequisites

Enrollment Limitation: students must be admitted into the Nursing Program and students must have completed the Readiness Assessment Test - ATI Test of Essential Academic Skills (ATI-TEAS) with the state recommended passing score.

Grading Method: Letter

Credit Status: Associate Degree Credit

Proposed CSU Transfer

This course introduces students to concepts related to the four domains of care which include the patient, professional nursing, health, and illness. The course further examines the nursing process as the foundation of nursing practice and emphasizes the delivery of care based on Maslow's and Kalish's Hierarchy of Human Needs and Watson's Model of Caring. Emphasis will be placed on the concepts of infection, thermoregulation, pain, tissue integrity, gas exchange, perfusion, safety, nutrition, elimination, mobility, sleep, culture, spirituality, caregiving, and the health care system. The student will gain a conceptual understanding of principles and be able to apply them in all areas of nursing practice.

2. Nursing 222 - Medical Surgical Nursing - Older Adult

Units: 3.5 Lecture Hours: 2.0 Lab hours: 4.5 Faculty Load: 35.83%

Prerequisite: Nursing 220 with a minimum grade of C

Enrollment Limitation: students must be admitted into the Nursing Program

Grading Method: Letter

Credit Status: Associate Degree Credit

Proposed CSU Transfer

In this course, students will gain skills to assess and care for patients in the hospital setting. Emphasis will be placed on the care of the older adult population and includes critical thinking, legal and ethical issues within the nursing profession. Concepts include hormonal regulation, glucose regulation, perfusion, pain, communication, safety, functional ability, family dynamics, self-management and health promotion, intracranial regulation, cognition, interpersonal violence, ethics, health care law, sensory perception, mobility, and tissue integrity.

3. Nursing 224 - Nursing Pharmacology
Units: 3.0 Lecture Hours: 3.0 Lab hours: 0 Faculty Load: 20.00%
Prerequisite: Nursing 143 and Nursing 144 and Nursing 146 and Medical Terminology 1 with a minimum grade of C in all prerequisites
Enrollment Limitation: students must be admitted into the Nursing Program
Grading Method: Letter
Credit Status: Associate Degree Credit
Proposed CSU Transfer

This course provides instruction from basic to advanced concepts and principles of pharmacology for nursing students. The knowledge and intervention needed to maximize therapeutic effects and prevent or minimize adverse effects of drugs will be emphasized. Major content areas will include advanced pharmacological principles, major drug classification, selected individual drugs, drug effects on body tissues, human responses to drug therapy, and the application of the nursing process. Anatomy, physiology, and microbiology concepts will be correlated with various pathologies, emphasizing the effects of drug therapy on body systems. Students will learn how to develop and present patient teaching plans. Legal and ethical issues will also be discussed.

4. Nursing 226 - Nursing Skills Practicum I
Units: .5 Lecture Hours: 0 Lab hours: 1.50 Faculty Load: 7.50%
Prerequisite: Nursing 143 and Nursing 144 and Nursing 146 and Medical Terminology 1 with a minimum grade of C in all prerequisites
Enrollment Limitation: students must be admitted into the Nursing Program and students must have completed the readiness Assessment Test ATI Test of Essential Academic Skills (ATI-TEAS) with the state recommended passing score.
Grading Method: Letter
Credit Status: Associate Degree Credit

In this course, students will apply theoretical concepts and practice skills to maintain and promote the four domains of care which includes the patient, professional nursing, health, illness, and the healthcare environment. Students will use the appropriate equipment and gain skill competency by practicing basic nursing skills in the skills lab. Competencies, as they relate to physical assessment, parenteral medication administration, wet-to-moist dressing change, nasogastric tube insertion, feeding and removal, and gastrostomy or jejunostomy feeding will be assessed. Emphasis will be placed on hands-on practice based on the following nursing concepts: medical and surgical asepsis, physical hygiene, vital signs, oxygenation, nutrition, body mechanics, elimination, and medication administration.

5. Nursing 230 - Mental Health Nursing
Units: 3.5 Lecture Hours: 2.0 Lab hours: 4.5 Faculty Load: 35.83%
Prerequisite: Nursing 220 and Nursing 222 and Nursing 224 and Nursing 226 with a minimum grade of C
Enrollment Limitation: students must be admitted into the Nursing Program
Grading Method: Letter
Credit Status: Associate Degree Credit
Proposed CSU Transfer

In this course, students will utilize the nursing process to care for clients with varying degrees of mental health problems. Psychopharmacological therapies will be examined. Students will apply techniques of therapeutic communication and assume a leadership role in the clinical setting. In addition, students will utilize and maintain legal and ethical standards specific to mental health patients.

6. Nursing 232 - Obstetrical Patients and the Newborn

Units: 2.5 Lecture Hours: 1.5 Lab hours: 3.0 Faculty Load: 25.00%
Prerequisite: Nursing 220 and Nursing 222 and Nursing 224 and Nursing 226 with a minimum grade of C

Enrollment Limitation: students must be admitted into the Nursing Program

Grading Method: Letter

Credit Status: Associate Degree Credit

Proposed CSU Transfer

This course focuses on the theory and practical application of concepts related to obstetrical patients and the newborn. The nursing process will be utilized as the foundation of study and emphasis will be placed on the concepts of reproduction, health promotion, self-management, infection, technology and informatics, thermoregulation, perfusion, human sexuality, nutrition culture, and social/ethical aspects. The student will gain a conceptual understanding of principles in all areas specific to the obstetrical patient and the newborn.

7. Nursing 234 - Pediatric Nursing

Units: 2.5 Lecture Hours: 1.5 Lab hours: 3.0 Faculty Load: 25.00%
Prerequisite: Nursing 220 and Nursing 222 and Nursing 224 and Nursing 226 with a minimum grade of C

Enrollment Limitation: students must be admitted into the Nursing Program

Grading Method: Letter

Credit Status: Associate Degree Credit

Proposed CSU Transfer

This course focuses on the theory and clinical application of concepts related to the nursing care of children and their families by emphasizing the holistic care of the child that include the developmental, physiological, psychosocial, cultural, and spiritual care of the child within the family unit. Health care concepts discussed in this course will include family dynamic development and functional abilities related to care of the child. Professional nursing concepts including clinical judgement, communication, ethical-legal, evidenced-based practice, health promotion, informatics, patient education, professionalism, safety, and collaboration will also be presented. The student will gain a conceptual understanding of principles and apply them in all areas specific to the pediatric patient.

8. Nursing 238 - Nursing Skills Practicum II
Units: .5 Lecture Hours: 0 Lab hours: 1.5 Faculty Load: 7.50%
Prerequisite: Nursing 220 and Nursing 222 and Nursing 224 and Nursing 226 with a minimum grade of C
Enrollment Limitation: students must be admitted into the Nursing Program
Grading Method: Letter
Credit Status: Associate Degree Credit

In this course, students will develop mastery of basic care principles and complex nursing skills to include the following nursing concepts; medical and surgical asepsis, physical hygiene, vital signs, oxygenation, nutrition, body mechanics, elimination, fluid and electrolyte, acid-base balance and medication administration. Students will utilize the appropriate equipment and gain skill competency by practicing basic nursing skills in the skills lab. The nursing skills practicum course will assess the student's competencies, as they relate to physical assessment; urinary elimination, venipuncture, infusion pump and volitrol management, and glucose regulation.

9. Nursing 240 - Intermediate Medical-Surgical Nursing I
Units: 4.0 Lecture Hours: 2.0 Lab hours: 6.0 Faculty Load: 43.33%
Prerequisite: Nursing 230 and Nursing 232 and Nursing 234 and Nursing 238 with a minimum grade of C
Enrollment Limitation: students must be admitted into the Nursing Program
Grading Method: Letter
Credit Status: Associate Degree Credit

In this course, students are introduced to adult patients with moderate to severe disease states. Theory and clinical practice will focus on the biophysical concepts in medical-surgical conditions. Students will examine problems associated with tissue integrity, nutrition, inflammation, perfusion, acid-base balance, fluid and electrolyte elimination, hormonal and glucose regulation, functional ability, safety, sexuality, and self-management.

10. Nursing 242 - Intermediate Medical-Surgical Nursing II
Units: 4.0 Lecture Hours: 2.0 Lab hours: 6.0 Faculty Load: 43.33%
Prerequisite: Nursing 230 and Nursing 232 and Nursing 234 and Nursing 238 with a minimum grade of C
Enrollment Limitation: students must be admitted into the Nursing Program
Grading Method: Letter
Credit Status: Associate Degree Credit

In this course, students will learn about therapeutic care for patients with moderate to severe disease states by utilizing the nursing process, biophysical and medical/surgical concepts. Emphasis will be placed on the role of nurse as patient advocate and manager of care in the clinical setting.

11. Nursing 244 - Nursing Skills Practicum III

Units: .5 Lecture Hours: 0 Lab hours: 1.5 Faculty Load: 7.50%

Prerequisite: Nursing 230 and Nursing 232 and Nursing 234 and Nursing 238 with a minimum grade of C

Enrollment Limitation: students must be admitted into the Nursing Program

Grading Method: Letter

Credit Status: Associate Degree Credit

In this course, students will apply persistent hands-on practice in the skills lab. They will assimilate mastery of the basic to complex nursing skills based on following nursing concepts: medical and surgical asepsis, physical hygiene, vital signs, nutrition, body mechanics, elimination, fluid and electrolyte, acid-base balance and medication administration. Students will use the appropriate equipment and gain skill competency by practicing basic nursing skills in a safe, supportive and supervised environment in the on-campus skills lab. The student's competency as it relates to physical assessment, administration of blood products, venipuncture of all variation, and oxygenation will be assessed.

12. Nursing 247 - Advanced Medical-Surgical Nursing I

Units: 6.0 Lecture Hours: 3.0 Lab hours: 9.0 Faculty Load: 65.00%

Prerequisite: Nursing 240 and Nursing 242 and Nursing 244 with a minimum grade of C

Enrollment Limitation: students must be admitted into the Nursing Program

Grading Method: Letter

Credit Status: Associate Degree Credit

In this course, students will explore biophysical concepts, knowledge of the critically ill patient across the life span and promoting wellness in culturally diverse populations and nursing management essential to the care of acute/chronic, critical, and emergency nursing. Clinical practice of critical care nursing will occur in a variety of settings.

13. Nursing 248 - Advanced Medical-Surgical Nursing II Preceptorship

Units: 2.0 Lecture Hours: 0 Lab hours: 6.0 Faculty Load: 30.00%

Prerequisite: Nursing 240 and Nursing 242 and Nursing 244 and Nursing 247 with a minimum grade of C

Enrollment Limitation: students must be admitted into the Nursing Program

Grading Method: Letter

Credit Status: Associate Degree Credit

This preceptorship course provides the nursing student, enrolled in their last semester of nursing school, an opportunity to work directly with a RN preceptor. This experience allows students to apply knowledge and skills gained throughout the nursing program. The experience assists the student in making a smooth transition from the learner role to the entry-level registered nurses role in a realistic clinical setting. Opportunities to implement leadership and management skills as well as decision-making and priority-setting utilizing legal and ethical principles will be provided.

Course Review; Change in Catalog Description

1. Business 28 - Written Business Communications

Current Status/Proposed Changes

In this course, students will study the theory and practice of functional writing to ~~give them a~~ provide a better understanding of the human relations aspects of communication, ~~to help~~ develop logical patterns of organizing ideas, and ~~to aid in achieving~~ achieve clear, concise expression in written form. ~~Practice in writing various types of business letters and reports~~ Students will prepare formal and informal written reports in various types of business communication utilizing appropriate inductive and deductive methods and incorporating considerations for ethical and legal implications. Understanding critical thinking techniques and the problems associated with logical fallacies will be emphasized throughout the course

Recommendation

In this course, students will study the theory and practice of functional writing to provide a better understanding of the human relations aspects of communication, develop logical patterns of organizing ideas, and achieve clear, concise expression in written form. Students will prepare formal and informal written reports in various types of business communication utilizing appropriate inductive and deductive methods and incorporating considerations for ethical and legal implications. Understanding critical thinking techniques and the problems associated with logical fallacies will be emphasized throughout the course.

2. Physical Science 25 - Exploring Physical Sciences

Current Status/Proposed Changes

~~The course provides a step by step introduction to the physical sciences through the study of simple physical systems. Topics include~~ This course is a broad based introductory study of the physical sciences for future elementary and middle school educators. The topics covered are part of the California science standards and are designed to introduce physics and chemistry. Topics include: energy, forces, elasticity motion, magnetism, electricity, gravitational interactions, properties of light and sound, changes of state, physical properties, atomic structure, and chemical changes. Drawing from their own observations and laboratory experiments, students will develop concepts and construct models that can predict outcomes of experiments. Note: Physical Science 25 is ~~designed for students preparing to teach at the elementary and middle school levels~~ not designed for majors in physics, astronomy, or chemistry.

Recommendation

This course is a broad based introductory study of the physical sciences for future elementary and middle school educators. The topics covered are part of the California science standards and are designed to introduce physics and chemistry. Topics include: energy, forces, motion, magnetism, electricity, gravitational interactions, properties of light and sound, changes of state, physical properties, atomic structure, and chemical changes. Drawing from their own observations and laboratory experiments, students will develop concepts and construct models that can predict outcomes of experiments. Note: Physical Science 25 is not designed for majors in physics, astronomy, or chemistry.

Course Review; New Distance Education Online/Hybrid Course Version

1. English as a Second Language 52B - Intermediate Reading and Vocabulary Building

Course Review; Change in Catalog Description; New Distance Education Online/Hybrid Course Version

1. Music 101 - Music Fundamentals

Current Status/Proposed Changes

~~In this course, students will analyze and identify the fundamentals of music theory~~ This course is an introduction to the notation and primary elements of tonal music from global cultures. It prepares students for further study in theory and musicianship, and serves to enhance the study and appreciation of music for all interested students. Students will analyze music beginning with pitch and rhythm notation, the keyboard and major scales. The course proceeds through intervals, triads, seventh chords, inversions, minor scales, cadences, modes and non-harmonic tones. Included are terms and symbols for tempi, dynamics, and repeats. The history and social context of the above concepts will be discussed.

Recommendation

This course is an introduction to the notation and primary elements of tonal music from global cultures. It prepares students for further study in theory and musicianship, and serves to enhance the study and appreciation of music for all interested students. Students will analyze music beginning with pitch and rhythm notation, the keyboard and major scales. The course proceeds through intervals, triads, seventh chords, inversions, minor scales, cadences, modes and non-harmonic tones. Included are terms and symbols for tempi, dynamics, and repeats. The history and social context of the above concepts will be discussed.

Course Review; Changes in Catalog Description, Conditions of Enrollment (Pre/Corequisite, Recommended Preparation or Enrollment Limitation), Course Number, Descriptive Title

Current Status/Proposed Changes

1. Nursing ~~145~~ 143 - Introduction and Preparation for to Nursing
Prerequisite: English 1A and Mathematics 73 or equivalent and Psychology 16 or concurrent enrollment with a minimum grade of C in all prerequisites
~~Recommended Preparation: Mathematics 73 or 80~~

~~This~~ In this introductory course ~~examines~~, students will examine the professional nurse's role and responsibilities in hospital and outpatient settings. healthcare settings. Students will study the Nursing Program's philosophy which encompasses Maslow's and Kalish's Hierarchy of Human Needs and Watson's Theory of Human Caring. The students will apply and evaluate the impact of the nursing process ~~on patient's health conditions.~~ Specific emphasis is when researching care of the patient with biophysical health conditions under the four domains of patient care which includes professional nursing, health, illness, and the healthcare environment. Specific emphasis will be placed on application of the nursing process, critical thinking, therapeutic communication,

cultural variation, development, and ~~beginning research skills~~. Students are introduced to ~~campus resources that will assist them in meeting their learning needs~~. diversity.

Recommendation

Nursing 143 - Introduction to Nursing

Prerequisite: English 1A and Mathematics 73 or equivalent and Psychology 16 or concurrent enrollment with a minimum grade of C in all prerequisites

In this introductory course, students will examine the professional nurse's role and responsibilities in healthcare settings. Students will study the Nursing Program's philosophy which encompasses Maslow's and Kalish's Hierarchy of Human Needs and Watson's Theory of Human Caring. The students will apply and evaluate the impact of the nursing process when researching care of the patient with biophysical health conditions under the four domains of patient care which includes professional nursing, health, illness, and the healthcare environment. Specific emphasis will be placed on application of the nursing process, critical thinking, therapeutic communication, cultural, development, and diversity.

Course Review; Changes in Catalog Description, Conditions of Enrollment (Pre/Corequisite, Recommended Preparation or Enrollment Limitation), Course Number, Faculty Load, Lecture Hours, Units

Current Status/Proposed Changes

1. ~~Nursing 155~~ 146 - Health Assessment

Units: ~~1.0~~ 2.0 Lecture Hours: ~~0.5~~ 1.5 Lab Hours: 1.5 Faculty Load: ~~10.83~~ 17.50%

Prerequisite: Anatomy 32 and Physiology 31 or Anatomy and Physiology 34A and Anatomy and Physiology 34B and Microbiology 33 and Medical Terminology 1 and Nursing 143 and Nursing 144 with a minimum grade of C in all prerequisites

~~Enrollment Limitation: admission to the Nursing Program~~

This course will help ~~the student to~~ students develop and utilize physical assessment and history-taking skills necessary to care for ~~clients~~ the biophysical needs of patients. The course focuses on the communication techniques and critical thinking skills necessary to elicit a health history. (Concepts of patient, professional nursing, health and illness, and the healthcare environment will be introduced.) Physical Assessment assessment skills will be developed to determine normal and abnormal findings of various body systems, including a ~~general survey~~ general survey assessment. ~~Results are analyzed during the clinical lab while using the nursing process.~~

Recommendation

Nursing 146 - Health Assessment

Units: 2.0 Lecture Hours: 1.5 Lab Hours: 1.5 Faculty Load: 17.50%

Prerequisite: Anatomy 32 and Physiology 31 or Anatomy and Physiology 34A and Anatomy and Physiology 34B and Microbiology 33 and Medical Terminology 1 and Nursing 143 and Nursing 144 with a minimum grade of C in all prerequisites

This course will help students develop and utilize physical assessment and history-taking skills necessary to care for the biophysical needs of patients. The course focuses on the communication techniques and critical thinking skills necessary to elicit a health history. (Concepts of patient, professional nursing, health and illness, and the healthcare environment will be introduced.) Physical assessment skills will be developed to determine normal and abnormal findings of various body systems, including a general survey assessment.

Course Review; Changes in Catalog Description, Conditions of Enrollment (Pre/Corequisite, Recommended Preparation or Enrollment Limitation), Descriptive Title, Faculty Load, Lecture Hours, Units

Current Status/Proposed Changes

1. Nursing 149 - ~~Preparation for~~ Advanced Placement in Nursing
Units: ~~2.0~~ 2.5 Lecture Hours: ~~1.5~~ 2.0 Lab hours: 1.5 Faculty Load: ~~17.50~~ 20.83%
Prerequisite: Nursing 144 and Nursing 146 and Medical Terminology 1 with a minimum grade of C in prerequisites
Enrollment Limitation: admission to students must be admitted into the Nursing Program and students must have completed the Readiness Assessment Test - ATI Test of Essential Academic Skills (ATI-TEAS) with the state recommended passing score

~~This course acquaints~~ introduces the Licensed Vocational/Practical Nurses (LVN/LPN); and transfer students from accredited nursing programs to concepts of nursing as they apply to the El Camino College ~~nursing program~~ Nursing Program. Students will become familiar with the ~~program philosophy, basic needs theory, nursing process, critical thinking, and communication.~~ Course discussion will examine problems associated with ingestive, excretory, physical integrity and oxygenation (O₂CO₂) needs. Course discussion will also include transition to the registered four domains of care which include patient, professional nursing, health and illness, and the healthcare environment. Emphasis will be on the role of the nurse as it relates to professional identity and caregiving. Core competencies will include communication, safety, critical thinking, and evidence-based practice. Course discussion will focus on transitioning to the professional nursing role and the impact of legal and ethical boundaries on health care delivery. Students will practice and demonstrate competency in basic nursing skills and demonstrate competency.

Recommendation

Nursing 149 - Advanced Placement in Nursing
Units: 2.5 Lecture Hours: 2.0 Lab hours: 1.5 Faculty Load: 20.83%
Prerequisite: Nursing 144 and Nursing 146 and Medical Terminology 1 with a minimum grade of C in prerequisites
Enrollment Limitation: students must be admitted into the Nursing Program and students must have completed the Readiness Assessment Test - ATI Test of Essential Academic Skills (ATI-TEAS) with the state recommended passing score

This course introduces the Licensed Vocational/Practical Nurses (LVN/LPN) and transfer students from accredited nursing programs to concepts of nursing as they apply to the

El Camino College Nursing Program. Students will become familiar with the four domains of care which include patient, professional nursing, health and illness, and the healthcare environment. Emphasis will be on the role of the nurse as it relates to professional identity and caregiving. Core competencies will include communication, safety, critical thinking, and evidence-based practice. Course discussion will focus on transitioning to the professional nursing role and the impact of legal and ethical boundaries on health care delivery. Students will practice and demonstrate competency in basic nursing skills.

Course Review; Changes in Catalog Description, Conditions of Enrollment (Pre/Corequisite, Recommended Preparation or Enrollment Limitation), Course Length, Course Number, Faculty Load, Lab Hours, Lecture Hours, Transfer Status

Current Status/Proposed Changes

1. Nursing ~~48~~ 144 - Dosage Calculations

Units: 2.0 Lecture Hours: ~~3.0~~ 1.5 Lab hours: ~~3.0~~ 1.5 Faculty Load: ~~35.00~~ 17.50%

Course Length: (~~9-week course~~) Full Term

Prerequisite: ~~eligibility for~~ Mathematics 73 or 80 equivalent and Nursing 143 or concurrent enrollment with a minimum grade of C in all prerequisites

Proposed Transfer CSU

Proposed Transfer UC

~~This course reviews and utilizes mathematical concepts needed in calculating~~ is designed to help students develop the necessary skills to calculate accurate and safe medication dosages. Advanced problem solving, application of algebraic concepts, formulas, proportional relationships, system of measurement, and measurement system conversions will be incorporated ~~in the learning process.~~ Designated lab time will ~~be provided related to~~ include clinical scenarios involving correct medication formulas and calculations, the selection of correct medical equipment to prepare and administer various types of medication, careful reading and interpretation of sample physician medication orders, and evaluation of medication labels for safe medication administration.

Recommendation

Nursing 144 - Dosage Calculations

Units: 2.0 Lecture Hours: 1.5 Lab hours: 1.5 Faculty Load: 17.50%

Prerequisite: Mathematics 73 or equivalent and Nursing 143 or concurrent enrollment with a minimum grade of C in all prerequisites

Proposed Transfer CSU

Proposed Transfer UC

This course is designed to help students develop the necessary skills to calculate accurate and safe medication dosages. Advanced problem solving, application of algebraic concepts, formulas, proportional relationships, system of measurement, and measurement system conversions will be incorporated. Designated lab time will include clinical scenarios involving correct medication formulas and calculations, the selection of correct medical equipment to prepare and administer various types of medication, careful reading

and interpretation of sample medication orders, and evaluation of medication labels for safe administration.

Change in Major; Course Requirements, Total Units

1. Computer Information Systems A.S. Degree
Current Status/Proposed Changes

Major Requirements

Required Core: 9 units

CIS 13	Computer Information Systems	3
CIS 18	Systems Analysis and Design	3
CIS 19	Internet, Security, and the Web	3

~~6 units from:~~

<u>CIS 26</u>	<u>Using Microsoft Excel</u>	<u>3</u>
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or

<u>CIS 28</u>	<u>Database Management using Microsoft Access</u>	<u>3</u>
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<u>CIS 119</u>	<u>Computer Security and Forensics</u>	<u>3</u>
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or

CIS 140	Data Communications Cisco 1	3
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CIS 141	Networking Microcomputers Cisco 2	3
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Select one of the following groups of courses: 9-11 12-20 units

Help Desk:

BUS 27	Effective English for Business	3
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<u>BUS 60A</u>	<u>Microcomputer Keyboarding I</u>	<u>1</u>
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<u>BUS 60B</u>	<u>Microcomputer Keyboarding II and Document Processing</u>	<u>1</u>
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<u>CIS 2</u>	<u>Office Applications</u>	<u>3</u>
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CIS 11	Help Desk Operations	3
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<u>CIS 19</u>	<u>Internet, Social Networking, and the Web</u>	<u>3</u>
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<u>CIS 40</u>	<u>Personal Computer Operations Support and Networking</u>	<u>3</u>
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Database:

<u>CIS 18</u>	<u>Systems Analysis and Design</u>	<u>3</u>
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<u>CIS 19</u>	<u>Internet, Social Networking, and the Web</u>	<u>3</u>
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<u>CIS 28</u>	<u>Database Management Using Microsoft Access</u>	<u>3</u>
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<u>CIS 29</u>	<u>Advanced Database Applications</u>	<u>3</u>
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<u>CIS 80</u>	<u>Database Programming</u>	<u>4</u>
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<u>CIS 84</u>	<u>MySQL Database Programming for the Web</u>	<u>3</u>
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~~Advanced Applications:~~

CIS 29	Advanced Database Applications	3
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CIS 80	Database Programming	4
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Networking:

<u>CIS 40</u>	<u>Personal Computer Operations Support and Networking</u>	<u>3</u>
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<u>CIS 140</u>	<u>Introduction to Networks Cisco 1</u>	<u>3</u>
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<u>CIS 141</u>	<u>Routing and Switching Essentials Cisco 2</u>	<u>3</u>
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CIS 142	Local Area Network (LAN) Switching and Wireless <u>Scaling Networks</u> Cisco 3	3
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CIS 143	Accessing the WAN <u>Connecting Networks</u> Cisco 4	3
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<u>CIS 137</u>	<u>Computer Networking Fundamentals</u>	<u>3</u>
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Programming:

CIS 16	Application Development and Programming Using Visual Basic.Net	3
<u>CIS 18</u>	<u>Systems Analysis and Design</u>	<u>3</u>
<u>CIS 80</u>	<u>Database Programming</u>	<u>4</u>
CIS 133	Mashup JavaScript, jQuery and AJAX	4
CIS 134	ASP.NET with C# Business Web Programming	4

Mobile and Web Programming:

CIS 30	Introduction to Electronic eCommerce	3
<u>CIS 84</u>	<u>MySQL Database Programming for the Web</u>	<u>3</u>
<u>CIS 132</u>	<u>Web Development using HTML5, CSS3, and WordPress</u>	<u>3</u>
CIS 133	Mashup JavaScript, jQuery and AJAX	4
CIS 134	ASP.NET with C# Business Web Programming	4
CIS 136	Building Mobile Apps	3

Cybersecurity:

<u>AJ 142</u>	<u>Introduction to Digital Evidence</u>	<u>3</u>
<u>CIS 119</u>	<u>Introduction to Computer Security</u>	<u>3</u>
<u>CIS 122</u>	<u>Ethical Hacking</u>	<u>3</u>
<u>CIS 137</u>	<u>Computer Networking Fundamentals</u>	<u>3</u>

Total Units: ~~24-26~~ 21-29

Change in Major; Catalog Program Description, Course Requirements, Program Prerequisites, Total Units

1. Nursing A.S. Degree
Current Status/Proposed Changes

The degree provides the student with the skills to utilize the nursing process and assess ~~unique clients of any age in terms of their basic human needs and structural variables~~ patient needs across the lifespan using a concept-based approach to learning. Degree competence will be assessed regularly by evaluation of expected learning outcomes in the clinical setting as well as course examinations. Emphasis is placed on the use of critical thinking and creative problem-solving in the clinical setting. The nursing major prepares graduates in a variety of health care settings as entry-level registered nurses. Upon successful completion of the nursing program, the graduate is eligible to take the NCLEX-RN® (National Council Licensure Examination for Registered Nurses). Program assessment is conducted by monitoring student success rates on the NCLEX-RN® exam.

Program Prerequisites for the Associate Degree Nursing Program (All Students)

Science Courses:

Complete the following courses with a minimum 2.5 GPA. All science courses must have been completed within seven years prior to the date of nursing program application.

1. Anatomy 32 and Physiology 31; or Anatomy and Physiology 34A and 34B
2. Microbiology 33

3. Medical Terminology 1

4. Psychology 16

Non-science Courses:

1. English 1A (not included in the required basic science 2.5 minimum GPA)
2. Mathematics 73 ~~or Mathematics 80~~ or pass the Mathematics Competency Exam

Additional Prerequisites:

1. Cumulative GPA of 2.5 in all college courses.
2. Complete the Readiness Assessment Test - ATI Test of Essential Academic Skills (ATI TEAS) with the state recommended passing score. If a prospective student receives a score below the state recommended score, the student will be required to complete remediation and then retake the ATI TEAS. Students will only have two opportunities to take and successfully pass the TEAS exam. Students who take the TEAS at ECC and complete the required remediation are required to retest at ECC.
3. Nursing ~~48144~~, and Nursing ~~145143~~ and Nursing 146

All general education courses and nursing courses must be completed with a minimum grade of C. Please contact a nursing counselor to determine course equivalencies.

Major Requirements

NURS 150A	Beginning Nursing Process and Fundamental Skills I	4
NURS 150B	Beginning Nursing Process and Fundamental Skills II	3.5
NURS 151	Human Development and Health	2
NURS 152	Introduction to Nursing Pharmacology	1
NURS 153	Intermediate Nursing Process I	4.5
NURS 154	Intermediate Nursing Process and Mental Health	4
NURS 155	Health Assessment	1
NURS 156	Advanced Nursing Pharmacology	1
<u>NURS 220</u>	<u>Nursing Fundamentals</u>	<u>3.5</u>
<u>NURS 222</u>	<u>Medical Surgical Nursing - Older Adult</u>	<u>3.5</u>
<u>NURS 224</u>	<u>Nursing Pharmacology</u>	<u>3</u>
<u>NURS 226</u>	<u>Nursing Skills Practicum I</u>	<u>.5</u>
<u>NURS 230</u>	<u>Mental Health Nursing</u>	<u>3.5</u>
<u>NURS 232</u>	<u>Obstetrical Patients and the Newborn</u>	<u>2.5</u>
<u>NURS 234</u>	<u>Pediatric Nursing</u>	<u>2.5</u>
<u>NURS 238</u>	<u>Nursing Skills Practicum II</u>	<u>.5</u>
<u>NURS 240</u>	<u>Intermediate Medical-Surgical Nursing I</u>	<u>4</u>
<u>NURS 242</u>	<u>Intermediate Medical-Surgical Nursing II</u>	<u>4</u>
<u>NURS 244</u>	<u>Nursing Skills Practicum III</u>	<u>.5</u>
<u>NURS 247</u>	<u>Advanced Medical-Surgical Nursing I</u>	<u>6</u>
<u>NURS 248</u>	<u>Advanced Medical-Surgical Nursing II Preceptorship</u>	<u>2</u>
NURS 250	Intermediate Nursing Process and the Family	5.5
NURS 251	Legal and Ethical Considerations in Nursing	1
NURS 253	Intermediate Nursing Process II	4.5
NURS 254	Advanced Nursing Process I	7
NURS 255	Advanced Nursing Process II - Clinical Preceptorship	2.5
ENGL 1B*	Literature and Composition	3

<u>or</u>		
<u>ENGL 1BH*</u>	<u>Honors Literature and Composition</u>	<u>3</u>
PSYC 5	General Psychology	3
<u>or</u>		
PSYC 5H	Honors General Psychology	3
SOCI 101	Introduction to Sociology	3
Total Units: 50.5 <u>45</u>		

*Note: any 3 unit course from English 1BH, 1C, 1CH, or Communication Studies 100, 120, 130, 140; or a Humanities course may be substituted for English 1B or 1BH.

Change in Major; Course Requirements, Program Prerequisites, Program Title, Total Units

Current Status/Proposed Changes

1. Nursing: Upward Mobility Option (LVN to RN Option)

Additional Prerequisites for Upward Mobility Students (LVN to RN Option):

1. Possession of a current California Vocational Nurse/Practical Nurse license and employment as a LVN/LPN in a sub-acute or acute care setting within the last 3 years.
2. Complete the Readiness Assessment Test – ATI Test of Essential Academic Skills (ATI TEAS) with the state recommended passing score. If a prospective student receives a score below the state recommended score, the student will be required to complete remediation and then retake the ATI TEAS. Students will only have two opportunities to take and successfully pass the TEAS exam. Students who take the TEAS at ECC and complete the required remediation are required to retest at ECC.
3. Documentation demonstrating completion of a LVN program.
4. Nursing 48 144, and Nursing 146

Major Requirements

NURS 149	Preparation for Advanced Placement in Nursing	2 <u>2.5</u>
NURS 154	Intermediate Nursing Process and Mental Health	4
NURS 155	Health Assessment	1
NURS 156	Advanced Nursing Pharmacology	1
<u>NURS 230</u>	<u>Mental Health Nursing</u>	<u>3.5</u>
<u>NURS 232</u>	<u>Obstetrical Patients and the Newborn</u>	<u>2.5</u>
<u>NURS 234</u>	<u>Pediatric Nursing</u>	<u>2.5</u>
<u>NURS 238</u>	<u>Nursing Skills Practicum II</u>	<u>.5</u>
<u>NURS 242</u>	<u>Intermediate Medical-Surgical Nursing II</u>	<u>4</u>
<u>NURS 244</u>	<u>Nursing Skills Practicum III</u>	<u>.5</u>
<u>NURS 247</u>	<u>Advanced Medical-Surgical Nursing I</u>	<u>6</u>
<u>NURS 248</u>	<u>Advanced Medical-Surgical Nursing II Preceptorship</u>	<u>2</u>
NURS 250	Intermediate Nursing Process and the Family	5.5
NURS 251	Legal and Ethical Considerations in Nursing	1
NURS 253	Intermediate Nursing Process II	4.5
NURS 254	Advanced Nursing Process I	7

NURS 255	Advanced Nursing Process II—Clinical Preceptorship	2.5
ENGL 1B*	Literature and Composition	3
<u>or</u>		
<u>ENGL 1BH*</u>	<u>Honors Literature and Composition</u>	<u>3</u>
PSYC 5	General Psychology	3
<u>or</u>		
PSYC 5H	Honors General Psychology	3
SOCI 101	Introduction to Sociology	3
Total Units: 37.5 <u>33</u>		

*Note: any 3 unit course from English ~~1BH~~, 1C, 1CH, or Communication Studies 100, 120, 130, 140; or a Humanities course may be substituted for English 1B or 1BH.

Change in Certificate; Course Requirements, Total Units

1. Computer Information Systems: CISCO Networking Administration Certificate of Achievement

Current Status/Proposed Changes

Certificate Requirements

Units

CIS 13	Computer Information Systems	3
CIS 40	Personal Computer Operations <u>Support and Networking</u>	3
<u>CIS 137</u>	<u>Computer Networking Fundamentals</u>	<u>3</u>
CIS 140	Data Communications <u>Introduction to Networks</u> Cisco 1	3
CIS 141	Networking Microcomputers <u>Routing and Switching Essentials</u> Cisco 2	3
CIS 142	Local Area Network (LAN) Switching and Wireless <u>Scaling Networks</u> Cisco 3	3
CIS 143	Accessing the WAN <u>Connecting Networks</u> Cisco 4	3
Total Units: 18 <u>21</u>		