

**NURSING PROGRAM ARTICULATION  
AND  
COOPERATIVE SERVICES AGREEMENT  
BETWEEN  
COMMUNITY COLLEGE OF ALLEGHENY COUNTY  
AND  
CALIFORNIA UNIVERSITY OF PENNSYLVANIA**

The Community College of Allegheny County ("CCAC") and California University of Pennsylvania ("CAL U") acknowledge their shared mission to provide quality higher education programs that meet the needs of the community and promote the common good. CCAC and CAL U acknowledge their special obligation to provide greater access and new educational opportunities and do so at a reasonable cost. The institutions wish to continue to cooperate in providing a program of study that will enhance access to public education to residents of southwestern Pennsylvania as they prepare for careers in professional nursing.

The purpose of this agreement is to convey the cooperative relationship between the Community College of Allegheny County and California University of Pennsylvania with regard to the Associate of Science in Nursing Degree and the RN-BSN programs respectively. The CCAC Associate Degree and the pre-requisite licensure will qualify the student for full junior standing upon admission to CAL U. This agreement serves both to enhance the articulation of students and transferability of credits earned from CCAC's AS in Nursing to the BSN program at CAL U, and to identify the provision of resources and conditions involved in the cooperative presence of each program on our campuses (CCAC-South campus and CAL U main campus).

The instructional programs named above shall feature the same curriculum as approved by CCAC, CAL U, the Pennsylvania State Boards of Nursing, the Accreditation Commission for the Education of Nurses, and the Commission on Collegiate Nursing Education. Both CCAC and CAL U agree to follow the standards and criteria of the Middle States Commission on Higher Education in the implementation of this cooperative program. Specific CAL U general education course requirements have been identified within the applicable program requirements. It is agreed that all courses from either CCAC or CAL U identified as meeting program requirements shall meet the degree and residency requirements for both the AS and the BSN degree. The Agreement of Articulation for the Nursing program is attached and describes the acceptance of the academic credits between CCAC and CAL U.

**I. ARTICULATION**

Applicants applying to the RN to BSN program must currently be licensed as an RN, which shall continue in force for the time of enrollment. Upon graduation and entrance to the BSN program, the RN student receives 30 credits for nursing courses taken in the entry-level program at CCAC. An *Academic Passport* also recognizes up to 30 credits of general education which may have been earned during the basic nursing program as needed to meet the requirements of the BSN program, which includes such courses as found on the Program Sheets in Appendix A. Students with more than 30 credits may transfer the additional coursework as appropriate to meet program requirements. Appendix B, attached

hereto and incorporated herein, outlines the courses necessary for the Bachelor of Science in Nursing Degree from CAL U.

## **II. CCAC ASSOCIATE OF SCIENCE IN NURSING PROGRAM AT CAL U**

### **A. ACADEMIC**

It is understood that all CCAC courses taught in the CAL U campus by CCAC faculty are owned by CCAC and backed up by individual course syllabi as required by the Pennsylvania Department of Education.

At the CAL U main campus, CCAC Nursing faculty will teach all CCAC nursing courses identified in the latest AS degree program requirements. All non-nursing requirements of the AS degree will be offered by CAL U faculty at the CAL U main campus. CCAC agrees to accept CAL U courses that fulfill the non-nursing requirements of the AS Degree in Nursing as transfer courses.

To be accepted into the CCAC AS Degree in the Nursing program at CAL U, students must be accepted for admission by CAL U and by CCAC, and must also be accepted by CCAC into the AS Degree in Nursing program. Current Pre-Nursing majors from CAL U, along with prospective students from Washington County, will have priority admission status over applicants who apply to transfer in from other CCAC sites.

CCAC will determine appropriate class sizes and number of sections of CCAC nursing courses to be offered each semester in consultation with CAL U faculty and administration. All courses will be taught on the CAL U academic calendar.

### **B. SPACE AND EQUIPMENT**

California University will provide the following space and equipment to CCAC nursing faculty:

1. One large (40 student) classroom and two (2) skills labs and one (1) shared computer lab, which seats 25 students.
2. Maintain four (4) offices to accommodate a director, secretary, four full-time CCAC faculty and one storage room for equipment and supplies.
3. Office furnishings, including personal computers, printer, fax machine and telephone. CCAC agrees to purchase all of their office supplies.
4. All facility maintenance and cleaning associated with this program housed on the CAL U campus will be performed by CAL U.

### **C. ADVISING AND SECRETARIAL SUPPORT**

CCAC agrees to:

1. Provide faculty advisors for CCAC students, CCAC nursing majors enrolled in general education courses, and CCAC nursing majors enrolled in CCAC nursing courses.
2. Post all faculty office hours (at least 5 hours per week).
3. Post and email academic advising hours to CCAC nursing students.
4. Provide a part-time (30 hours per week) secretary position for the CCAC AS in Nursing program at CAL U who shall report to the Assistant Dean of the CCAC Washington County Center.

#### **D. REGISTRATION**

CCAC will register all CCAC students enrolling in the CCAC nursing courses on the CAL U main campus. All CCAC students enrolling in the CCAC nursing courses on the CAL U main campus will be identified for financial aid purposes by CCAC. Each CCAC student will register on his or her own CCAC registration form. CCAC will be responsible for registering all students on CCAC's system. Each student must individually sign his or her respective registration form. The student information asked for on the form will be determined by CCAC. These forms are required and cannot be changed or eliminated by anyone other than the responsible CCAC staff member.

The CCAC students attending the CAL U main campus for this nursing program who are also registering for CAL U courses will register according to the regular CAL U registration dates for the CAL U courses.

#### **E. STUDENT SERVICES**

1. Students enrolled in the CCAC Associate of Science in Nursing Degree Program on the CAL U main campus will enjoy the same services provided to all CAL U students, including tutorial services, counseling services, bookstore services, etc.

Students enrolled in the CAL U Bachelor of Science in Nursing Degree Program on the CCAC South campus will enjoy the same services provided to all CCAC students, including tutorial services, counseling services, bookstore services, etc.

2. **Gym membership**
  - The Herron Fitness Center - All Cal U & CCAC students attending only CCAC classes at Cal U are eligible for membership at the posted membership fees rates.
3. **Participating in campus clubs and activities**

CCAC students taking Cal U courses and paying the Student Activities Fee will receive full benefits from the fees:

  - Student Services - All Cal U enrolled students have access to all Student Services, which includes the activities and programs provided through Student Association Inc. (SAI). For detailed information, click on this link: <http://www.calu.edu/current-students/student-services/index.htm>
  - CalCard & Student Services - "The CalCard" is the official California University of Pennsylvania identification card. In addition to identifying students at California University, the card provides the cardholder with access to campus events, and other activities.

#### **F. FINANCIAL**

All students, who are registered for CCAC courses, will pay tuition and fees directly to CCAC. CCAC students will be charged standard CCAC tuition and fees for CCAC courses, according to the student's residency. All students who are registered for CAL U courses will pay tuition and fees directly to CAL U according to the student's residency. CAL U tuition rates for subsequent academic years will be determined by the State System of Higher Education Board of Governors at its July meeting each year. CAL U will assess fees only to students taking CAL U courses. Tuition waivers for CAL U employees and their dependents will not be granted for CCAC courses.

CCAC will provide financial aid services to students in the Associate Degree Cooperative Program who are in residence on the California University campus. CAL U will provide appropriate records and documentation to CCAC officials as requested. A Federal Title IV Aid Consortium Agreement between CCAC and CAL U will specify the responsibilities of each institution in delivering financial aid services to students in the Associate Degree in Nursing Cooperative Program.

Any student enrolled in this program with an unmet financial obligation at either CCAC or CAL U shall not be permitted to register for a subsequent semester or receive a transcript without meeting with a representative of the CCAC Bursar's Office and/or CAL U's Bursar's Office, to make arrangements for the resolution of the unmet obligation. Students with outstanding CAL U debt for room, board and/or tuition shall not be permitted to reside in the CAL U residence halls until the debt has been satisfied. No student will be accepted into the Associate of Science in Nursing program until all prior debts to CCAC or CAL U have been paid.

#### **G. CAL U PARKING POLICY**

Under this Agreement, CCAC nursing faculty, staff, and students will be subject to CAL U's parking requirements which are stated on their web site on the following link: [www.calu.edu/parking](http://www.calu.edu/parking)

### **III. CAL U BACHELOR OF SCIENCE IN NURSING PROGRAM AT CCAC SOUTH CAMPUS**

#### **A. ACADEMIC**

It is understood that all CAL U courses taught on the CCAC campus by CAL U faculty are owned by CAL U and backed up by the individual course syllabi as required by the Pennsylvania Department of Education.

At the CCAC South campus, CAL U Nursing faculty will teach all CAL U nursing courses identified in the latest BSN degree program requirements. CCAC South campus will offer all non-nursing requirements of the BSN degree. CAL U agrees to accept CCAC courses that fulfill the non-nursing requirements of the BSN degree as transfer courses.

Students must be accepted by CAL U for admission to the BSN program.

The CCAC Dean of Academic Affairs at CCAC South campus (or designee) will notify the CAL U Department of Nursing at the CCAC South campus of the due dates for reserving classrooms and ordering books for upcoming semesters, as well as giving notice of other pertinent information arising (e.g. changes in policies regarding student parking, use of technology).

CAL U will determine appropriate class sizes and number of sections of CAL U nursing courses to be offered each semester and notify the CCAC Dean of Academic Affairs at CCAC South Campus with the information by the due date. All BSN Nursing courses will be taught on the CAL U Academic Calendar while non-nursing courses taken at CCAC South will be taught on the CCAC Calendar.

#### **B. SPACE AND EQUIPMENT**

CCAC will provide the following space and equipment to CALU nursing faculty:

1. One (1) private faculty office fully furnished including computer, printer, and phone.
2. One (1) shared secretary office fully furnished including computer, printer, and phone.
3. The opportunity to schedule classrooms, as needed to accommodate up to one section of each of the RN-BSN nursing courses offered each semester. Classrooms need to accommodate up to 45 students and be fully equipped with smart technology for multimedia presentations, including, but not limited to an In-focus projector and associated computer equipment. (Note: The equipment needs to reflect current technology requirements, and will change as technology changes.)
4. All facility maintenance, cleaning and equipment repair associated with this program housed on the CCAC campus will be maintained by CCAC.

#### **C. ADVISING AND SECRETARIAL SUPPORT**

CAL U agrees to provide:

1. Faculty advisors for CAL U nursing students, including CAL U BSN majors enrolled in CCAC general education courses, and CAL U BSN majors enrolled in CAL U BSN classes.
2. Secretarial support (20 hours per week) for CAL U faculty and students at the CCAC South Campus.

#### **D. REGISTRATION**

CAL U will register all CAL U students enrolling in the CAL U nursing courses on the CCAC South Campus. CAL U students will register on-line on the CAL U website.

The CALU students attending CCAC South Campus for this nursing program who will also be registering for CCAC courses will register according to the regular CCAC registration dates.

#### **E. FINANCIAL**

All students will pay tuition and fees directly to CAL U. Students registered in the program will be charged standard CAL U tuition for CAL U courses. Tuition rates for subsequent



academic years will be determined by the State System of Higher Education Board of Governors at its July meeting each year. All students, who are registered for CCAC courses, will pay tuition and fees directly to CCAC. CAL U will assess fees only to students taking CAL U courses. Tuition waivers for CAL U employees and their dependents will not be granted for CCAC courses.

The CAL U Nursing Department will notify CAL U's Financial Aid Office of students enrolled at CCAC in the BSN Program. CAL U will provide financial aid services to students in the Bachelor of Science Degree Cooperative Program who are in residence on the CCAC campus. CCAC will provide appropriate records and documentation to CAL U officials as requested. A Federal Title IV Consortium Agreement between CCAC and CAL U will specify the responsibilities of each institution in delivering financial aid services to students in the Bachelor of Science Degree Nursing Cooperative Program.

Any student enrolled in this program with an unmet financial obligation at either CCAC or CAL U shall not be permitted to register for a subsequent semester or receive a transcript without meeting with a representative of the CAL U Bursar's Office and/or CCAC's Bursar's Office, to make arrangements for the resolution of the unmet obligation. No student will be accepted into the Bachelor of Science in Nursing program until all prior debts to CAL U and CCAC have been paid.

#### **IV. MUTUAL TERMS AND CONDITIONS**

A. *ACADEMIC POLICIES AND REQUIREMENTS.* California University accepts credits from CCAC in accordance with the State System Board of Governor's Policy 1999-01: Academic Passport and Student Transfer Policy. The transfer of grades below a "C" will be reviewed in the same manner as the grading policy of native California University students so long as the student has earned the associate degree with an overall GPA of 2.00. California accepts and applies credits from CCAC as outlined in the attached appendices. To earn a California University of PA degree, 30 of the last 45 credits must be taken from Cal U. In addition, students will take at least 50% of credits required for the Major from a PASSHE university. The degree-granting University may require up to a maximum of 50% of the Major credits. This is in accordance with PASSHE's academic residency policy and related Board of Governors' policies. Specific details are outlined in the attached appendices as they relate to the various associate and baccalaureate degree pathways and in ensuring the academic standards necessary for awarding of the baccalaureate degree.

B. *TERM OF THE AGREEMENT.* The term of this Agreement shall be for five (5) years, from July 1, 2016 through July 1, 2021. A new agreement must be signed thereafter.

C. *TERMINATION OF THE AGREEMENT.* Either party may terminate this Agreement for any reason with one-hundred eighty days (180) days' written notice. In the event of a substantial breach, either party may terminate this agreement upon the occurrence of the breach by written notice that may be less than one-hundred eighty days (180) days.

D. *NON DISCRIMINATION.* The parties agree to continue their respective policies of nondiscrimination and related procedures to insure that students are afforded the protections of Title VI of the Civil Rights Act of 1964 in regard to sex, age, race, color, creed, national origin, Title IX of the Education Amendments of 1972 and other applicable laws, as well as the provisions of Section 504 of the Rehabilitation Act of 1973 (as amended) and the Americans with Disabilities Act (ADA) of 1990.

E. *INTERPRETATION OF THE AGREEMENT.* The laws of the Commonwealth of Pennsylvania shall govern this Agreement.

F. *MODIFICATION OF THE AGREEMENT.* This Agreement shall only be modified in writing with the same formality as the original Agreement.

G. *RELATIONSHIP OF PARTIES.* The relationship between the parties to this collaborative Agreement to each other is that of independent contractors. The relationship of the parties to this contract to each other shall not be construed to constitute a partnership, joint venture or any other relationship, other than that of independent contractors.

H. *LIABILITY.* Neither of the parties shall assume any liabilities to each other. As to liability to each other or death to persons, or damages to property, the parties do not waive any defense as a result of entering into this contract. This provision shall not be construed to limit the Commonwealth's, the University's, or CCAC's rights, claims or defenses which arise as a matter of law pursuant to any provisions of this contract. This provision shall not be construed to limit the sovereign immunity of the Commonwealth, or of the State System of Higher Education, or the University, or that of Community College of Allegheny County.

I. *ENTIRE AGREEMENT.* This Agreement represents the entire understanding between the parties. No other prior or contemporaneous oral or written understandings or promises exist in regards to this relationship.

(This space left intentionally blank. Signature page follows.)

IN WITNESS WHEREOF, the authorized representatives of the parties have executed this Agreement as of the final date indicated below.

**Community College of  
Allegheny County:**

  
\_\_\_\_\_  
Quintin B. Bullock, President

11/1/16  
Date

**California University of  
Pennsylvania:**

  
\_\_\_\_\_  
Bruce Barnhart, Provost

11-1-16  
Date



## Nursing-(Generic Student) first year

Potential Pre-Nursing (575.Nursing.POT)  
(Pre-requisites for application)

<b>ENG 089</b> Basic Writing Techniques 3 cr	<b>ENG 100</b> Principles of Composition 3 cr	<b>CHM 109/CHM 109L</b> Introduction to Chemistry & lab 4 cr
<b>MAT 080</b> Arithmetic Fundamentals 4 cr	<b>MAT 090</b> Algebra Fundamentals 4 cr	(or)
<b>DVS 060 / DVS 070</b> Academic Strategies/College Reading 2 cr / 4 cr		<b>CHM 110</b> Introductory Chemistry 3 cr
(and)		(and)
<b>DVS 101</b> College Reading 2 3 cr		<b>CHM 111</b> Introductory Chemistry Lab 1 cr
(or)		(or)
<b>DVS 103</b> Advanced College Reading 3 cr		High School Chemistry with a lab (Note: Grade must be a "C" or better)
<b>BIO 110</b> Introduction to Biology 4 cr		<b>Note: No time limit for Chemistry pre- requisite course.</b>
(or)		
<b>BIO 151</b> General Biology 1 4 cr		
<b>Note: Students may take the Biology Challenge exam if they feel their biology background is sufficient to warrant their enrollment into BIO 161 and/or BIO 175</b>		

\*Developmental courses (if needed) & all science courses must be completed with a "C" or better grade & may NOT be taken more than 3 times for acceptance

\*"W" and "I" grades count as enrollment.

\* Students must have a minimum cumulative GPA of 2.8 to apply To the Nursing Program.

## Nursing---Associate in Science (575.1)

1 <sup>st</sup> Semester	2 <sup>nd</sup> Semester	3 <sup>rd</sup> Semester	4 <sup>th</sup> Semester
<b>NUR 110</b> Foundation & Health Promotion Concept for Nursing Practice 6 cr	<b>NUR 130</b> Basic Health Concepts for Nursing Practice 6 cr	<b>NUR 210</b> Professional Nursing Issues 2 cr	<b>NUR 240</b> Complex Health Concepts for Nursing Practice 7 cr
<b>NUR 120</b> Health Assessment Concepts for Nursing Practice 2 cr	<b>NUR 140</b> Evidence Based Nursing Drug Therapy 3 cr	<b>NUR 220</b> Adult Health Concepts for Nursing Practice 4 cr	<b>NUR 250</b> Leadership & Management Concepts in Health- care Delivery 3 cr
		<b>NUR 230</b> Family Health Concepts for Nursing Practice 4 cr	

## Courses displayed below may be taken before acceptance into Nursing

<b>PSY 101</b> Introduction to Psychology 3 cr	<b>PSY 108</b> Human Growth and Development 3 cr	<b>ENG 102</b> English Composition 2 3 cr	<b>HUMANITIES ELECTIVE</b> (ART, ASL, DAN, ENG, ETH-201, FCL, JRN, MUS, PHL, SPH, or THE) 3 cr
<b>MAT 106</b> Mathematics for Health Sciences 4 cr (or)	<b>ENG 101</b> English Composition 1 3 cr	<b>Note: All courses listed in this column are pre- reqs for NUR 240</b>	
<b>MAT 108</b> Intermediate Algebra 4 cr (or) Apprv Substitution	<b>BIO 162</b> Anatomy and Physiology 2 4 cr	<b>Note: All courses listed in this column must be completed prior to graduation.</b>	
<b>BIO 161</b> Anatomy & Physiology 1 4 cr	<b>Summer Semester</b>		
All courses listed in this column are pre-reqs for NUR 130	<b>BIO 175</b> Microbiology 4 cr		
	All courses listed in this column are pre-reqs for NUR 220		

In order to graduate, a student must earn a "C" grade or above for all courses and when they register for their last term, they must see an advisor to apply for graduation before the deadline date.

## Advanced Standing LPN-RN students entering NUR 130/140

## Potential Nursing (575P)

**ENG 089**  
Basic Writing  
Techniques 3 cr

**ENG 100**  
Principles of  
Composition 3 cr

**MAT 080**  
Arithmetic  
Fundamentals 4 cr

**MAT 090**  
Algebra Fundamentals  
4 cr

**DVS 060 / DVS 070**  
Academic Strategies/College Reading 2 cr / 4 cr  
(and)

**DVS 101** College Reading 2 3 cr

(or)

**DVS 103** Advanced College Reading 3 cr

**BIO 110** Introduction to Biology 4 cr  
(or)

**BIO 151** General Biology 1 4 cr

**Note:** Students may take the Biology Challenge exam if they feel their biology background is sufficient to warrant their enrollment into BIO 161 and/or BIO 175

**CHM 109/CHM 109L**  
Introduction to  
Chemistry & lab 4 cr

(or)

**CHM 110**  
Introductory Chemistry 3 cr

(and)

**CHM 111**  
Introductory Chemistry  
Lab 1 cr

(or)

High School Chemistry\*  
with a lab (Note: Grade  
must be a "C" or better)

\*high school chemistry  
may be used in the  
absence of a college  
level chemistry course.

**Note:** No time limit  
for Chemistry pre-  
requisite course

**PSY 101**  
Introduction to  
Psychology 3 cr

**Math elective**  
**MAT 106**  
Mathematics for  
Health Science 4 cr

(or)

**MAT 108**  
Intermediate  
Algebra 4 cr

(or)

Appv Substitution

**BIO 161**  
Anatomy &  
Physiology 1 4 cr  
10 year time limit

## Nursing---Associate in Science (575.1)

1<sup>st</sup> Semester

**NUR 130**  
Basic Health  
Concepts for Nursing  
Practice 6 cr

**NUR 140**  
Evidence Based  
Nursing Drug  
Therapy 3 cr

2<sup>nd</sup> Semester

**NUR 210**  
Professional  
Nursing Concepts 2 cr

**NUR 220**  
Adult Health  
Concepts for Nursing  
Practice 4 cr

**NUR 230**  
Family Health  
Concepts for Nursing  
Practice 4 cr

3<sup>rd</sup> Semester

**NUR 240**  
Complex Health  
Concepts for Nursing  
Practice 7 cr

**NUR 250**  
Leadership &  
Management  
Concepts 3 cr

## Courses displayed below may be taken before acceptance into Nursing

**PSY 108**  
Human Growth and  
Development 3 cr

**ENG 101**  
English Comp 1 3 cr

**BIO 162**  
Anatomy &  
Physiology 2 4 cr  
10 year time limit

## Summer Semester

**BIO 175**  
Microbiology 4 cr  
10 year time limit

**ENG 102**  
English Composition  
2 3 cr

**Note:** All courses  
listed in this  
column are pre-  
reqs for NUR 240

**Humanities  
Elective 3cr**  
(ART, ASL, DAN,  
ENG, ETH-201,  
FCL, JRN, MUS,  
PHL, SPH, or THE)

**Note:** All courses  
listed in this  
column must be  
completed prior  
to graduation

**Note:** All courses  
listed in this  
column are pre-  
reqs for NUR 240

In order to graduate, a student must earn a "C" grade or above for all courses and when they register for their last term, they must see an advisor to apply for graduation before the

- Developmental courses (if needed) & all science courses must be completed with a "C" or better grade & may NOT be taken more than 3 times for acceptance.
- "W" and "I" grades count as enrollment.
- Students must have a minimum cumulative GPA of 2.8 to apply to the Nursing program.

## APPENDIX A.3

### California University of PA Nursing Students

**Prerequisites:** All courses must be completed with a "C" or better. Based on diagnostic tests, EDU110, ENG 100 & DMA 092 should be completed if needed.

**EDU 110**  
Critical Thinking & Reading 3 cr

**ENG 100**  
Principles of Composition 3 cr

**DMA 092**  
Intro to Algebra 3 cr

**CHE 101 Introductory Chemistry w/ Lab**  
4cr

(or)  
**High School Chemistry\*** with a lab  
(Note: Grade must be a C or better)

\*high school chemistry may be used in the absence of a college level chemistry course.

- Students should see an academic advisor for clarification on the above coursework.
- Students should refer to the CALU or CCAC catalog for detailed course information.
- After students complete the prerequisites they can apply to the Nursing program.
- Students must have a minimum GPA of 2.8 to apply to the Nursing program.

**General Biology with lab**  
(equivalent to CCAC BIO 110 or BIO 151)

\*Students can take the **Biology Challenge exam** if they feel that their **biology background** is sufficient enough to warrant an exemption from these courses.

- Developmental courses (if needed) & all science courses must be completed with a "C" or better grade & may NOT be taken more than 3 times for acceptance.
- "W" and "I" grades count as enrollment.
- Students must have a minimum cumulative GPA of 2.8 to apply to the Nursing program.

### Nursing---Associate in Science (575.1)

#### 1<sup>st</sup> Semester

**NUR 110**  
Foundation & Health Promotion Concept for Nursing Practice 6 cr

**NUR 120**  
Health Assessment Concepts for Nursing Practice 2 cr

#### 2<sup>nd</sup> Semester

**NUR 130**  
Basic Health Concepts for Nursing Practice 6 cr

**NUR 140**  
Evidence Based Nursing Drug Therapy 3 cr

#### 3<sup>rd</sup> Semester

**NUR 210**  
Professional Nursing Issues 2 cr

**NUR 220**  
Adult Health Concepts for Nursing Practice 4 cr

**NUR 230**  
Family Health Concepts for Nursing Practice 4 cr

#### 4<sup>th</sup> Semester

**NUR 240**  
Complex Health Concepts for Nursing Practice 7 cr

**NUR 250**  
Leadership & Management Concepts in Health-care Delivery 3 cr

Courses displayed below may be taken before acceptance into Nursing

**MAT 181**  
College Algebra 4 cr

(Or)

Approv substitution

**BIO 230**  
Anatomy & Physiology 1 4 cr

10 year time limit

**PSY 100**  
General Psychology 3 cr

**Note:** All courses listed in this column

**PSY 207**  
Developmental Psych 3 cr

**BIO 260**  
Anatomy and Physiology 2 4 cr  
10 year time limit

**ENG 101**  
English Composition 1 3 cr

#### Summer Semester

**BIO 226**  
Microbiology 4 cr  
10 year time limit

**Note:** All courses listed in this

**ENG 102**  
English Composition 2 3 cr

**Note:** All courses listed in this column are pre-reqs for NUR 240

**Humanities Elective** 3cr

**Note:** All courses listed above must be completed prior to graduation

In order to graduate, a student must earn a "C" grade or above for all courses. Students must ensure that all transcripts have been received by CCAC and all courses transferred. When registering for their last term, they must see an

## **APPENDIX B**

### **CCAC**

#### *General Education:*

PSY 101 Introduction to Psychology  
ENG 101 English Composition I  
ENG 102 English Composition II  
Humanities Elective

#### *Major:*

BIO 161 Anatomy & Physiology I  
BIO 162 Anatomy & Physiology II  
BIO 175 Microbiology  
Nursing Courses

#### *Free Electives:*

Nursing Courses  
PSY 108 Human Growth & Development

### **CAL U**

PSY 100 Introduction to Psychology 3 crs.  
ENG 101 English Composition I 3 crs.  
ENG 102 English Composition II 3 crs.  
HLC 162 Humanities Elective 3 crs.

BIO 230 Anatomy & Physiology I 4 crs.  
BIO 260 Anatomy & Physiology II 4 crs.  
BIO 226 Basic Microbiology 4 crs.  
NUR 162 Nursing Electives 30 crs.

ELC 162 Free Electives 6 crs.  
PSY 162 Psy Elective 3 crs.

Total Credits 63 crs.