



2020-2021 | ADDENDUM



Norco College
2020-2021 Catalog Addendum



This addendum to the 2020-2021 Norco College Catalog contains changes that offer new educational opportunities for students or informational corrections. These updates were approved after the 2020-2021 Catalog was published.

Although every effort has been made to ensure accuracy of the information, students and others who use the catalog and addendum should consult with a counselor, dean, department chair or program director for any additions, deletion or changes.

2001 Third Street
Norco, California 92860-2600
(951) 372-7000
www.norcollege.edu

COURSE MODIFICATIONS

UC Transferable Courses Effective Fall 2020 (August 2020 Addendum)

The following courses are newly designated as UC transferable effective Fall 2020:

ADJ 8, 19, 20
ARE 25
DFT 42, 42B
EAR 26, 40, 43, 47
ENE 40, 41, 42, 42B, 48
ESL 49, 50
GAM 4A, 4B
KIN A43, A44, A62
PHI 36
SOC 10H
THE 2, 4

NEW PROGRAMS

APPRENTICESHIP: MANUFACTURING TECHNICIAN 1 NCE968 (August 2020 Addendum)

This provides students with a first step towards becoming a fully qualified journey level Manufacturing Technician. Through a combination of work-based learning, lectures and lab components, this program includes shaping and forming operations, materials handling, instrumentation and controls, and quality control, as well as computer-aided manufacturing and robotics. This program also includes optimization theory, industrial and manufacturing planning, and related management skills. Completion of this program prepares students for gainful employment as a machine operators, production technicians, CNC Programmers, industrial or manufacturing engineering technicians, or tool setter. To participate in this program, students must register as an apprentice and meet applicable program requirements.

Program Learning Outcomes:

Upon successful completion of this program, students should be able to:

1. Students will apply industry standard safety practices and specific safety requirements for different machining operations.
2. Students will be able to proficiently use equipment, machines, and technology in manufacturing processes.
3. Knowledge of and ability to demonstrate general manufacturing technical practices and procedures that are applicable to all sectors of manufacturing.

Required Courses (14-16 units)

		<u>Units</u>
APP-450	Apprenticeship Work Experience	4
APP-450	Apprenticeship Work Experience	4
Elective Courses	(Choose from the list below)	6-8

Electives (6-8 units)

		<u>Units</u>
ENE-30	Computer Aided Drafting (CAD)	3
ENE-62	Math for Automated Systems	3
ENE-51	Blueprint Reading	2
MAN-35	Computer Aided Manufacturing-Mastercam	5
MAN-55	Occupational Safety and Health Administration (OSHA) Standards for	

	General Industry	1
MAN-56	CNC Machine Set-up and Operation	4
MAN-57	CNC Program Writing	3
Required Total Units		14-16 Units

**APPRENTICESHIP: MANUFACTURING TECHNICIAN 2
NAS967/NAS967B/NAS967C/NCE967
(September 2020 Addendum)**

This provides students with a second step towards becoming a fully qualified journey level Manufacturing Technician. Through a combination of work-based learning, lectures and lab components, this program includes shaping and forming operations, materials handling, instrumentation and controls, and quality control, as well as computer-aided manufacturing and robotics. This program also includes optimization theory, industrial and manufacturing planning, and related management skills. Completion of this program prepares students for gainful employment as a machine operators, production technicians, CNC Programmers, industrial or manufacturing engineering technicians, or tool setter. To participate in this program, students must register as an apprentice and meet applicable program requirements.

Program Learning Outcomes:

Upon successful completion of this program, students should be able to:

1. Apply industry standard safety practices and specific safety requirements for different machining operations
2. Produce high precision parts out of a variety of conventional machine tools.
3. Demonstrate advanced manufacturing technical practices and procedures that are applicable to all sectors of manufacturing.
4. Demonstrate knowledge of CNC specific technical work practices, such as blueprint reading, applied math concepts, tools, and measurement concepts.

<u>Required Courses (30-31 units)</u>		<u>Units</u>
APP-450	Apprenticeship Work Experience	16
Elective Courses	(Choose from the list below)	14-15

<u>Electives (14-15 units)</u>		<u>Units</u>
ENE-30	Computer Aided Drafting (CAD)	3
ENE-60	Math for Engineering Technology	3
OR		
ENE-62	Math for Automated Systems	3
ENE-42	SolidWorks I	3
ENE-51	Blueprint Reading	2
MAN-35	Computer Aided Manufacturing-Mastercam	5
MAN-36	General Machine Shop and Theory of Machining	4
MAN-55	Occupational Safety and Health Administration (OSHA) Standards for General Industry	1
MAN-56	CNC Machine Set-up and Operation	4
MAN-57	CNC Program Writing	3

Required Total Units		30-31 Units
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The Associate of Science Degree in Apprenticeship: Manufacturing Technician 2 will be awarded upon completion of the degree requirements, including general education and other graduation requirements as described in the college catalog

GAME DEVELOPMENT CORE
NAS970/NAS970B/NAS970C/NCE970
(November 2020 Addendum)

Students completing the Game Development Core program will be well versed in the process by which games and game assets are designed and created. Students will have explored a breadth of topics spanning the core disciplines of games creation, allowing them to communicate and operate effectively in a video game development environment. In addition to courses focused on individual disciplines and skills building, students will also work collaboratively in a creative environment creating simple games and rapid prototypes to emphasize teamwork and strengthening of soft skills. Students will be prepared to enter the field as junior designers, programmers, artists, and producers.

Program Learning Outcomes

Upon successful completion of this program, students should be able to:

1. Apply the principles of modern game development through the creation of creative assets and supporting materials.
2. Contribute to working games and prototypes require team management, effective planning, communication, time management, and responsiveness.
3. Develop content that contributes and adds value to games projects or portfolio.
4. Create modern portfolio demonstrating viable capability utilizing games and class projects.

Required Courses (21 Units)

		<u>Units</u>
GAM-1	Business of Video Games	3
GAM-2	History of Video Games	3
GAM-3A	Game Design	3
GAM-4A	Game Scripting	3
GAM-5A	Concept Art	3
GAM-6A	3D Digital Modeling	3
GAM-7	Game Studio	3

Required Total Units

21 Units

The Associate of Science Degree in Game Development Core will be awarded upon completion of the degree requirements, including general education and other graduation requirements as described in the college catalog.

GAME CONCEPT ART
NAS971/NAS971B/NAS971C/NCE971
(November 2020 Addendum)

Students completing the Game Concept Art program will be well versed in the process by which games and game assets are designed and created, with a special emphasis on how visual development influences game design and aesthetic. Students will be capable of designing and visually articulating a range of asset types, spanning props, environments, characters and more. Students will work collaboratively in a creative environment working with teams to provide visual direction. Students will be prepared to enter the field as entry level concept artists and visual designers, but with a versatile skillset that would afford them a wide range of career possibilities.

Program Learning Outcomes

Upon successful completion of this program, students should be able to:

1. Articulate visual direction of various game-targeted assets through concept ideation and rendering.
2. Apply the principles of modern game development through the creation of creative assets and supporting materials.
3. Contribute to working games and prototypes which require team management, effective planning, communication, time management, and responsiveness.
4. Develop and integrate content that contributes and adds value to games projects or portfolio.
5. Create modern portfolio demonstrating viable capability utilizing games and class projects.

<u>Required Courses (27 Units)</u>		<u>Units</u>
GAM-1	Business of Video Games	3
GAM-2	History of Video Games	3
GAM-3A	Game Design	3
GAM-4A	Game Scripting	3
GAM-5A	Concept Art	3
GAM-5B	Advanced Concept Art	3
GAM-6A	3D Digital Modeling	3
GAM-7	Game Studio	3
GAM-8	Current Topics in Game Development	3

Required Total Units **27 Units**

The Associate of Science Degree in Game Concept Art will be awarded upon completion of the degree requirements, including general education and other graduation requirements as described in the college catalog.

3D GAME MODELING AND ANIMATION
NAS972/NAS972B/NAS972C/NCE972
(November 2020 Addendum)

Students completing the 3D Game Modeling and Animation program will be well versed in the process by which games and game assets are designed and created, with a special emphasis on how 3D game assets are constructed and integrated. Students will be capable of building a variety of 3D asset types ranging from simple static props to intermediate animated objects. Students will work collaboratively in a creative environment creating 3D assets for simple games and rapid prototypes to emphasize teamwork and strengthening of soft skills. Students will be prepared to enter the field as 3D game art generalists, but with a versatile skillset that would afford them a wide range of career possibilities.

Program Learning Outcomes

Upon successful completion of this program, students should be able to:

1. Build modeled, textured, rigged, and animated 3D game assets using modern software and techniques.
2. Apply the principles of modern game development through the creation of creative assets and supporting materials.
3. Contribute to working games and prototypes require team management, effective planning, communication, time management, and responsiveness.
4. Develop and integrate content that contributes and adds value to games projects or portfolio.
5. Create modern portfolio demonstrating viable capability utilizing games and class projects.

<u>Required Courses (27 Units)</u>		<u>Units</u>
GAM-1	Business of Video Games	3
GAM-2	History of Video Games	3
GAM-3A	Game Design	3
GAM-4A	Game Scripting	3
GAM-5A	Concept Art	3
GAM-6A	3D Digital Modeling	3
GAM-6B	3D Animation	3
GAM-7	Game Studio	3
GAM-8	Current Topics in Game Development	3

Required Total Units **27 Units**

The Associate of Science Degree in 3D Game Modeling and Animation will be awarded upon completion of the degree requirements, including general education and other graduation requirements as described in the college catalog.

INFORMATIONAL CORRECTIONS

Course Corrections

ADJ-200

(June 2020 Addendum)

The title for this course is incorrect in the catalog, and the limitation on enrollment should be listed as an advisory. The corrected information is below.

ADJ-200

Administration of Justice Work Experience 1-4 Units

CSU

Prerequisite: None

Advisory: Students should have paid or voluntary employment.

Description: Work Experience is designed to coordinate the student's on-the-job training with workplace skills designed to assist the student in developing successful professional skills. Each student will establish measurable learning objectives appropriate for their job and discipline. Students may earn up to four (4) units each semester, for a maximum of 16 units of work experience total. 60 hours of volunteer work or 75 hours of paid work during the semester are required for each unit. No more than 20 hours per week, out of the 60 or 75 requirement, may be applied toward the work requirement. The course consists of an 18 hours of orientation/professional skills development and 60 hours of volunteer work experience per unit with a maximum of 240 for four units per semester OR 75 hours of paid work experience per unit, with a maximum of 300 for four units per semester.

ELC-421

(June 2020 Addendum)

The cross listing for this course is erroneously listed as ELC-421. The correct cross listing is ELE-421.

ESL-47 through 50 and 847 through 850

(August 2020 Addendum)

The language "or qualifying placement" was missing from the prerequisite statement for the above ESL courses.

MAT-36

(June 2020 Addendum)

MAT-53 is no longer a prerequisite for MAT-36. The corrected course information is below.

MAT-36

Trigonometry 4 Units

(C-ID:MATH 851)

CSU

Prerequisite: MAT-35 or appropriate placement

Description: The study of trigonometric functions, their inverses and their graphs; identities and proofs related to trigonometric expressions; solving trigonometric equations; solving right triangles; solving oblique triangles using the law of sines and cosines; polar coordinates; complex numbers; introduction to vectors and elements of geometry important to the foundation of trigonometry. 72 hours lecture. (Letter Grade or Pass/No Pass option)

REA-1

(May 2020 Addendum)

The CSU transferability designation was omitted from the REA-1 description. The complete description is below.

REA-1
Reading Tutor Training 2 Units
CSU

Prerequisite: None

Advisory: REA-3 or REA-83, ENG-1A or ENG-1AH

Description: Designed to prepare students to become peer tutors in the Reading and Writing Center. Participants learn specific tutoring techniques and discuss problems, questions, and challenges in tutoring reading. Tutors develop student-centered, non-intrusive tutoring skills. 27 hours lecture and 27 hours laboratory. (Letter grade or Pass/No Pass)

WEL-200

(September 2020 Addendum)

WEL-200 was erroneously included in the Norco catalog. This course is not currently offered by the college.

WKX-200

(June 2020 Addendum)

WKX-200 was erroneously omitted from the catalog. The complete description is below.

WKX-200
General Work Experience 1-4 Units
CSU

Prerequisite: None

Advisory: Students should have paid or voluntary employment

Description: Work Experience is designed to coordinate the student's on-the-job training with workplace skills designed to assist the student in developing successful professional skills. Each student will establish measurable learning objectives appropriate for their job and discipline. Students may earn up to four (4) units each semester, for a maximum of 16 units of work experience total. 60 hours of volunteer work or 75 hours of paid work during the semester are required for each unit. No more than 20 hours per week, out of the 60 or 75 requirement, may be applied toward the work requirement. The course consists of an 18 hours of orientation/professional skills development and 60 hours of volunteer work experience per unit with a maximum of 240 for four units per semester OR 75 hours of paid work experience per unit, with a maximum of 300 for four units per semester. (Pass/No Pass or Letter Grade).

Program Corrections

Area of Emphasis (AOE) Corrections

(June 2020 Addendum)

The following courses are no longer offered within the district and are no longer options for completing the Area of Emphasis degrees:

Communication, Media and Languages

FRE: 4

FST: 7, 8

GER: 1, 2, 3, 11

KOR: 1, 2, 11

LAT: 1, 2

SPA: 52, 53

Fine and Applied Arts

MUS: 27

Humanities, Philosophy and Arts

FRE: 4

FST: 7, 8

GER: 1, 2, 3, 11

KOR: 1, 2, 11

LAT: 1, 2

SPA: 52, 53

Kinesiology, Health and Wellness

KIN: A80

Math and Sciences

BIO: 36

Math and Sciences (NAS493/NAS493B/NAS493C)

(June 2020 Addendum)

BIO-2A and BIO-2B were erroneously omitted from the list of options for required and elective courses.

Associate in Arts in Anthropology for Transfer (NAA616/NAA618)

(August 2020 Addendum)

The total units for the major were incorrectly listed as 18-21 units. The correct total units are 18-20.

Associate in Arts in Kinesiology for Transfer Degree (NAA890/NAA891)

(May 2020 Addendum)

The incorrect requirements were listed in the catalog. KIN-A43 and KIN-A44 are options for students in the Combatives category, and KIN-A62 is an option in the Team Sports section. KIN-A55 was erroneously included as an option in the Team Sports section. The complete, corrected requirements are listed below. For more information on the program, please refer to the catalog.

Required Courses (20-23 Units)

		<u>Units</u>
KIN-10*	Introduction to Kinesiology	3
BIO-50A* (Formerly AMY-2A)	Anatomy and Physiology I	4
BIO-50B* (Formerly AMY-2B)	Anatomy and Physiology II	4
Movement-Based Courses	Select one course from each area below	3
List A	Select two courses from the list below	6-9

Movement-Based Courses (minimum 3 units)

Select a maximum of one (1) course from each area below:

Combatives

KIN-A40*	Karate, Beginning	1
KIN-A41*	Karate, Intermediate	1
KIN-A43	T'ai-chi Ch'uan, Beginning	1
KIN-A44	T'ai-chi Ch'uan, Intermediate	1

Fitness

KIN-A46*	Hatha Yoga, Beginning	1
KIN-A47*	Hatha Yoga, Intermediate	1
KIN-A75A*	Walking for Fitness: Beginning	1
KIN-A75B*	Walking for Fitness: Intermediate	1
KIN-A77A*	Jogging for Fitness, Beginning	1
KIN-A77B*	Jogging for Fitness, Intermediate	1
KIN-A81A*	Cardio and Strength Training, Beginning	1
KIN-A81B*	Cardio and Strength Training, Intermediate	1
KIN-A83*	Kickboxing Aerobics	1

Team Sports

KIN-A62	Flag Football	1
KIN-A64*	Soccer	1

List A: Select two courses from the following (6-9 units)

BIO-4* (Formerly BIO-17)	Human Biology	4
CHE-1A*	General Chemistry, I	5
KIN-30	First Aid and CPR	3
MAT-12*/12H*	Statistics/Honors Statistics	4
OR		
PSY/SOC-48*	Statistics for the Behavioral Sciences	3
PHY-2A*	General Physics I	4
OR		
PHY-4A*	Mechanics	4

Total Units: 20-23

*Courses may also be used to fulfill general education requirements for the CSU GE or IGETC pattern, please confer with a counselor.

The Associate in Arts in Kinesiology for Transfer degree will be awarded upon completion of 60 California State University (CSU) transferable units including the above major requirements and the Intersegmental General Education Transfer Curriculum (IGETC) or California State University General Education (CSUGE) requirements with a minimum grade point average of 2.0. All courses in the major must be completed with a grade of "C" (or "P") or better.

Digital Electronics (NAS656/NAS656B/NAS656C/NCE656)

(June 2020 Addendum)

In the electives section, Fundamentals of Solar Energy is mis-numbered as ELC/ELE-97. The correct number for this course is ELC/ELE-91. For additional information on this program, please see the catalog.

Supply Chain Automation (NAS924/NAS924B/NAS924C/NCE924)

(June 2020 Addendum)

In the required courses section, Electrical Theory for Electricians is listed as ELC/ELE/ELC-77. The correct listing for this course is ELC/ELE/MAN-77.

Informational Corrections

Articulated to High School Courses

(August 2020 Addendum)

MAN-38 and MAN-39 are no longer offered by Norco College and were erroneously included in the list of articulated courses.

GI Bill® Trademark Omission

(May 2020 Addendum)

The trademark symbol was omitted on pages 21 and 36 of the course catalog. The reference to the bill should read as follows:

Page 21:

Veterans: Applying for financial assistance through the FAFSA application does not affect your GI Bill® benefits. All veterans should apply for financial assistance by completing the FAFSA application online at www.fafsa.gov.

Page 36:

VETERANS RESOURCE CENTER

Norco College provides assistance to Veterans and VA dependents for the following benefit programs:

Chapter 30 - Active Duty Educational Assistance Program

Chapter 31 - Veteran's Administration Vocational Rehabilitation

Chapter 33 - Post-9/11 GI Bill®

Chapter 33TR - Post-9/11 GI Bill® Transfer to VA Dependents

Moving through English Chart Corrections

(May 2020 Addendum)

The titles of the courses ESL 46-50 and ESL 846-850 on the Moving Through English chart on page 191 of the catalog were listed incorrectly. The corrected chart can be found at the end of this addendum.

Competency Requirement

(May 2020 Addendum)

The title of the "Basic Skills Competency Requirement" in the graduation requirements section has been updated to "Competency Requirement." Additionally, PSY/SOC-48 are now options to complete the Math Competency Requirement. The updated language for the Math Competency Requirement is below.

"Students must demonstrate minimum competency in mathematics by the successful completion of a Riverside Community College District mathematics course with a "C" or higher selected from Math 1-36 (excluding MAT-32), MAT-53, PSY/SOC-48 or the equivalent [CLEP, AP/IB Exams, Credit by Exam, other pathways such as courses from other colleges/ universities, or Early Assessment Test (EAP for CSU, MCAP)]."

Norco College Faculty

(June 2020 Addendum)

The following faculty were omitted from the Norco College Faculty section of the catalog.

HILL, JANET

Assistant Professor in Sociology

B.A. in Sociology and Social Welfare, University of California, Berkeley; M.A. in Sociology, University of California, Riverside; Ph.D. in Sociology, University of California Riverside. At Riverside Community College District since 2001.

LINDEMAN, MEGAN

Assistant Professor in Art

BFA in Painting with a Concentration in Art History, Rhode Island School of Design; MFA in Fine Art/ Painting, Claremont Graduate University; At Riverside Community College District since 2014.

MOORE, AMMANDA

Assistant Professor of English.

B.A. and M.A. in English, California State University Fullerton. At Riverside Community College District since 2013.

WILLIAMS, SIGRID

Assistant Professor in Administration of Justice

B.A., MPA and EdD in Educational Leadership, California State University Fullerton. At Riverside Community College District since 2017.

WITMER, SUZANNE

Assistant Professor, Health Science/Kinesiology

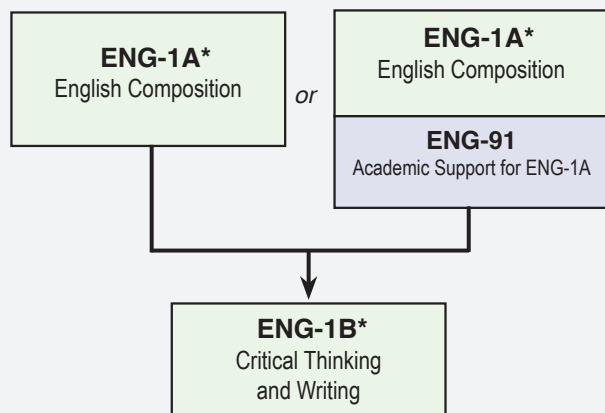
A.A., Riverside Community College; B.S., California State University, San Bernardino; M.Ed., Azusa Pacific University. At Riverside Community College District from 1999-2005 and since 2017.

Moving through English, ESL, and Reading

Please visit the Counseling Department if you have any questions about the appropriate course(s) for you. <http://norcocollege.edu/services/counseling>

English Composition at Norco College: Choosing the Best Path for You

Every student has the right to enroll directly into English 1A without taking English 91. If you would like more information on enrolling directly into English 1A without 91, see the challenge/opt in process at the Counseling Office.



Note: Research shows that taking even one class below college-level composition (such as English 50) will make it less likely for students to complete English 1A in part because of the extra and often unnecessary semester in a non-transferable course. However, Norco College offers sections of English 50 for students who want to take an English course before they enroll in English 1A. No students are placed into or required to take English 50.

Academic Literacy and Reading

Transferable Reading Courses

REA-3**

Reading for Academic and Lifelong Literacy

Reading 3 provides students with academic and multi-disciplinary (such as Humanities, Science, and Health Fields) reading strategies needed for success in college classes and beyond. This course meets the reading competency graduation requirement, and the CSU and RCCD lifelong learning Area E requirement.

REA-4**

College Reading as Critical Thinking

Reading 4 provides students with argument analysis skills required for determining the validity of an author's opinion. Students learn to critically evaluate all persuasive modes of discourse. This course meets the CSU Critical Thinking requirement.

Support Courses

REA-83

College Reading & Thinking

Reading 83 reviews reading skills and strategies to help prepare students for college reading. This course meets the reading competency requirement.

REA-887

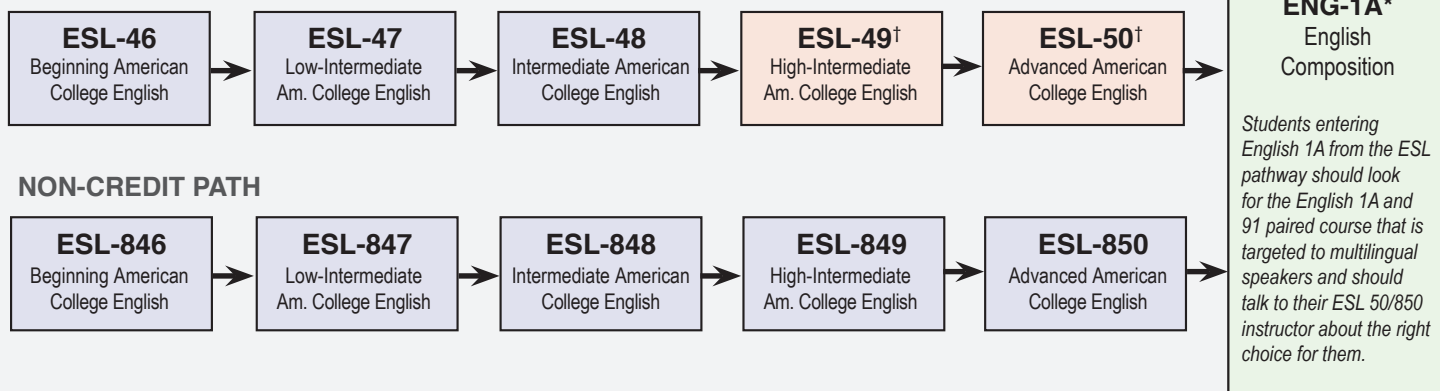
Reading Clinic

Reading 887 is a non-credit self-paced course that provides practice on individually prescribed learning plans designed to improve and develop reading skills. Instruction is provided on an individualized basis in conferences.

Note: These are all individual courses that are not in a sequence.

English as a Second Language

CREDIT PATH



Students entering English 1A from the ESL pathway should look for the English 1A and 91 paired course that is targeted to multilingual speakers and should talk to their ESL 50/850 instructor about the right choice for them.

Credit and non-credit courses offer the same material, often in the same classroom. Students who want degree credit, units, or transferable courses should take the credit courses.

† These courses are under review for CSU transferability; please check with a counselor.

Non Degree Applicable

Minimum AA/AS Degree Applicable

Transferable and Degree Applicable

* UC/CSU Transferable

** CSU Transferable Only

*** Associates Degree Applicable Only

Norco College
California State University General Education Requirements 2020-2021

The courses listed below will fulfill the lower division general education requirements for all CSU campuses.

To obtain a Bachelor's degree from a CSU campus, a student must complete 48 units of general education. A community college can certify 39 of these units as having fulfilled the CSU lower division general education requirements. The remaining 9 units of upper-division general education coursework are to be taken at the CSU campus after transfer. A course can only be certified if it was approved for CSU GE when it was taken.

Note: Riverside City College and Moreno Valley College are separate colleges and the courses that are approved for CSU GE may vary. Students who wish to take courses at another institution and apply them towards CSU GE should always first consult with a counselor to make sure the course will fulfill the intended requirement.

A. English Language Communication and Critical Thinking (min. 9 semester or 12 quarter units) – Select one course from each group: *Grades of “C-” or better are required.*

A-1: Oral Communication:

COM-1 Public Speaking or
 COM-1H Honors Public Speaking
 COM-6 Dynamics of Small Group Communication
 COM-9 Interpersonal Communication or
 COM-9H Honors Interpersonal Communication

A-3: Critical Thinking:

COM-2 Introduction to Persuasion
 COM-3 Argumentation and Debate
 ENG-1B Critical Thinking and Writing or
 ENG-1BH Honors Critical Thinking and Writing

A-2: Written Communication:

ENG-1A English Composition or
 ENG-1AH Honors English Composition

MAT-32 Introduction to Symbolic Logic (Same as PHI-32)
 PHI-11 Critical Thinking
 PHI-32 Introduction to Symbolic Logic (Same as MAT-32)
 REA-4 Critical Reading as Critical Thinking

B. Scientific Inquiry and Quantitative Reasoning (min. 9 semester or 12 quarter units) – Select one course from each group: *Also, one of the science courses must have a lab---see underlined courses.*

B-1: Physical Science:

CHE-1A General Chemistry, I
CHE-1B General Chemistry, II
CHE-2A Introductory Chemistry, I
CHE-2B Introductory Chemistry, II
CHE-3 Fundamentals of Chemistry
 CHE-10 Chemistry for Everyone
CHE-12A Organic Chemistry, I

CHE-12B Organic Chemistry, II
 GEG-1 Physical Geography or
 GEG-1H Honors Physical Geography
GEG-1L Physical Geography Laboratory
 (has a Corequisite of GEG-1 or 1H)
 GEG-5 Weather and Climate
 PHS-1 Introduction to Physical Science

PHY-2A General Physics I
PHY-2B General Physics II
PHY-4A Mechanics
PHY-4B Electricity and Magnetism
PHY-4C Heat, Light and Waves
 PHY-10 Introduction to General Physics
PHY-11 Physics Lab (has a Corequisite of PHY-10)

B-2: Life Science:

ANT-1 Physical Anthropology or
 ANT-1H Honors Physical Anthropology
ANT-1L Physical Anthropology Laboratory
 (has a Corequisite of ANT-1 or 1H)
BIO-1 General Biology or
BIO-1H Honors General Biology
BIO-3 Field Botany
BIO-4 Human Biology (Formerly BIO-17)

BIO-5 General Botany
BIO-7 Marine Biology
BIO-8 Principles of Ecology
 BIO-10 Life Science Principles
 BIO-18 Human Genetics (Formerly BIO-34)
 BIO-19 Environmental Sci. (Formerly BIO-36)
BIO-21 California Naturalist
 BIO-45 Survey Anat. & Phys. (Formerly AMY-10)

BIO-50A Anatomy and Physiology I (Formerly AMY-2A)
BIO-50B Anatomy and Physiology II (Formerly AMY-2B)
BIO-55 Microbiology (Formerly MIC-1)
BIO-60 Introduction to Molecular and Cellular Biology
 (Formerly BIO-11)
BIO-61 Introduction to Organismal and Population Biology
 (Formerly BIO-12)
 PSY-2 Biological Psychology

B-3: Laboratory Activity:

This requirement is satisfied by completion of any course in B-1 or B-2 with a laboratory. Lab courses are underlined.

B-4: Mathematics/Quantitative Reasoning (Grade of “C-” or better is required; min. 3 semester or 4 quarter units):

MAT-1A Calculus I
 MAT-1B Calculus II
 MAT-1C Calculus III
 MAT-2 Differential Equations
 MAT-3 Linear Algebra

MAT-5 Calculus for Business and Life Science
 MAT-10 Pre-Calculus
 MAT-11 College Algebra
 MAT-12 Statistics or
 MAT-12H Honors Statistics

MAT-25 Mathematics for the Liberal Arts Student
 MAT-36 Trigonometry
 PSY/SOC-48 Statistics for the Behavioral Sciences

C. Arts and Humanities (min. 9 semester or 12 quarter units) – Select three courses, *with at least one course from “Arts” and one course from “Humanities”:*

C-1: Arts:

ARE-35 History of Architecture - Beg. to Gothic
 ARE-36 History of Architecture - Renaissance
 to Modern
 ART-1 History of Western Art: Prehistoric,
 Ancient and Medieval
 ART-2 History of Western Art: Renaissance
 through Contemporary or
 ART-2H Honors History of Western Art:
 Renaissance through Contemporary
 ART-5 Arts of Africa, Oceania, and Indigenous
 North America

ART-6 Art Appreciation or
 ART-6H Honors Art Appreciation
 ART-7 Women Artists in History
 ART-9 African Art History
 ART-10 Modern and Contemporary Art History
 ART-12 Asian Art History
 ART-13 Pre-Columbian Art History
 ART-14 Latin American Art: Colonial to Present
 COM-7 Oral Interpretation of Literature
 COM-11 Storytelling
 DAN-6 Dance Appreciation

GAM-2 History of Video Games (Formerly GAM-21)
 MUS-3 Fundamentals of Music
 MUS-19 Music Appreciation or
 MUS-19H Honors Music Appreciation
 MUS-23 History of Rock and Roll
 MUS-25 Jazz Appreciation
 MUS-89 Music of Multicultural America or
 MUS-89H Honors Music of Multicultural America
 THE-3 Introduction to the Theater
 THE-29 Musical Theater Appreciation

C-2: Humanities:

CHI-1 Mandarin Chinese 1
 CHI-2 Mandarin Chinese 2
 CHI-11 Culture and Civilization
 COM-7 Oral Interpretation of Literature
 ENG-1B Critical Thinking and Writing or
 ENG-1BH Honors Critical Thinking and Writing
 ENG-6 British Literature I: Anglo-Saxon

ENG-44 Poetry from 20th century to the Present
 ENG-45 Modern Drama
 ENG-47 Inlandia: Regional Writing about the IE
 ENG-48 Short Story and Novel from 20th Century
 ESL-50 Advanced American College English
 FRE-1 French I
 FRE-2 French 2

HUM-8 Intro. to Mythology (Same as ENG-8)
 HUM-9 American Voices
 HUM-10 World Religions or
 HUM-10H Honors World Religions
 HUM-11 Religion in America
 HUM-16 Arts and Ideas: American Culture
 HUM-18 Death: An Interdisciplinary Perspective

C-2: Humanities (Continued):

- through 18th century
- ENG-7 British Literature II: Romanticism through Postmodernism
- ENG-8 Intro. to Mythology (Same as HUM-8)
- ENG-9 Introduction to Shakespeare
- ENG-11 Creative Writing
- ENG-14 American Literature I: Pre-Contact through the Civil War
- ENG-15 American Literature II: 1860 to Present
- ENG-16 Introduction to Linguistics
- ENG-20 Survey of African American Literature
- ENG-23 Bible as Literature (Same as HUM-23)
- ENG-30 Children's Literature
- ENG-35 Images of Women in Literature
- ENG-40 World Literature I: From Ancient Literatures to the 17th Century
- ENG-41 World Literature II: 17th Cent. - Present

D. Social Sciences (min. 9 semester or 12 quarter units) – Select three courses from at least two disciplines:

- ADJ-1 Introduction to Administration of Justice
- ADJ-3 Concepts of Criminal Law
- ADJ-9 Law in American Society
- ANT-2 Cultural Anthropology or
- ANT-2H Honors Cultural Anthropology
- ANT-3 Prehistoric Cultures
- ANT-4 Native American Cultures
- ANT-5 Cultures of Ancient Mexico
- ANT-6 Introduction to Archaeology
- ANT-7 Anthropology of Religion
- ANT-8 Language and Culture
- COM-9 Interpersonal Communication or
- COM-9H Honors Interpersonal Communication
- COM-12 Intercultural Communication
- COM-13 Gender and Communication
- COM-20 Introduction to Communication Theory
- EAR-20 Child Growth and Development
- EAR-42 Child, Family and Community
- ECO-4 Introduction to Economics
- ECO-7 Principles of Macroeconomics or
- ECO-7H Honors Principles of Macroeconomics
- ECO-8 Principles of Microeconomics or

E. Lifelong Learning and Self-Development (min. 3 semester or 4 quarter units):

- BIO-16 Human Reproduction and Sexual Behavior (Formerly BIO-30)
- BIO-35 Health Science (Same as HES-1)
- EAR-20 Child Growth and Development
- EAR-42 Child, Family and Community
- GUI-47 Career Exploration and Life Planning

Activity courses - Only 1 unit of activity coursework may be applied towards area E. Students who took GUI-48 when it was approved in area E as 2 units may combine 1 unit from the approved activity courses listed below in order to fulfill the 3 units required in area E:

- KIN-A40 Karate, Beginning
- KIN-A41 Karate, Intermediate
- KIN-A43 T'ai-chi Ch'uan, Beginning
- KIN-A44 T'ai-chi Ch'uan, Intermediate
- KIN-A46 Hatha Yoga, Beginning
- KIN-A47 Hatha Yoga, Intermediate
- KIN-A62 Flag Football
- KIN-A64 Soccer
- KIN-A75A Walking for Fitness, Beginning

Military veterans who submit a DD214 will be awarded a full 3 units towards area E certification.

- FRE-8 Intermediate Conversation
- HIS-1 History of World Civilizations I
- HIS-2 History of World Civilizations II
- HIS-6 United States History to 1877 or
- HIS-6H Honors United States History to 1877
- HIS-7 United States History from 1865 or
- HIS-7H Honors United States History from 1865
- HIS-14 African American History I
- HIS-25 History of Mexico
- HIS-26 History of California
- HIS-31 Introduction to Chicano/a Studies
- HIS-34 History of Women in America
- HUM-4 Arts and Ideas: Ancient World through the Late Medieval Period or
- HUM-4H Honors Arts and Ideas: Ancient World through the Late Medieval Period
- HUM-5 Arts and Ideas: Renaissance- Modern or
- HUM-5H Honors Arts and Ideas: Rena.- Modern

- ECO-8H Honors Principles of Microeconomics
- GEG-2 Human Geography
- GEG-3 World Regional Geography
- GEG-4 Geography of California
- GEG-6 Geography of the U. S. and Canada
- HIS-1 History of World Civilizations I
- HIS-2 History of World Civilizations II
- HIS-6 United States History to 1877 or
- HIS-6H Honors United States History to 1877
- HIS-7 United States History from 1865 or
- HIS-7H Honors United States History from 1865
- HIS-14 African American History I
- HIS-25 History of Mexico
- HIS-26 History of California
- HIS-31 Introduction to Chicano/a Studies
- HIS-34 History of Women in America
- JOU-7 Mass Communications
- POL-1 American Politics or
- POL-1H Honors American Politics
- POL-2 Comparative Politics
- POL-4 Intro. to World Politics or
- POL-4H Honors Intro. to World Politics

- GUI-48 College Success Strategies
- HES-1 Health Science (Same as BIO-35)
- KIN-4 Nutrition
- KIN-10 Introduction to Kinesiology
- KIN-35 Foundation for Fitness and Wellness
- KIN-36 Wellness: Lifestyle Choices

- KIN-A75B Walking for Fitness, Intermediate
- KIN-A77A Jogging for Fitness, Beginning
- KIN-A77B Jogging for Fitness, Intermediate
- KIN-A77C Jogging for Fitness, Advanced
- KIN-A81A Physical Fitness, Beginning
- KIN-A81B Physical Fitness, Intermediate
- KIN-A81C Physical Fitness, Advanced
- KIN-A83 Kickboxing Aerobics
- KIN-A90A Weight Training, Beginning

- HUM-23 The Bible as Literature (Same as ENG-23)
- HUM-35 Philosophy of Religion (Same as PHI-35)
- PHI-10 Introduction to Philosophy or
- PHI-10H Honors Introduction to Philosophy
- PHI-12 Intro. to Ethics: Contemporary Moral Issues
- PHI-19 Native American Thought
- PHI-22 Philosophy of Science
- PHI-33 Intro. to Social and Political Philosophy
- PHI-35 Philosophy of Religion (Same as HUM-35)
- PHI-36 Asian Philosophy
- SPA-1 Spanish 1
- SPA-2 Spanish 2
- SPA-3 Spanish 3
- SPA-4 Spanish 4
- SPA-8 Intermediate Conversation
- SPA-11 Spanish Culture and Civilization
- SPA-12 Latin American Culture and Civilization

- POL-5 The Law and Politics
- POL-7A Current Political Issues
- POL-11 Political Theory
- POL-13 Intro. to American Foreign Policy
- PSY-1 General Psychology or
- PSY-1H Honors General Psychology
- PSY-8 Introduction to Social Psychology
- PSY-9 Developmental Psychology
- PSY-33 Theories of Personality
- PSY-35 Abnormal Psychology
- PSY-50 Research Methods in Psychology
- SOC-1 Introduction to Sociology or
- SOC-1H Honors Introduction to Sociology
- SOC-2 American Social Problems
- SOC-3 Social Inequality
- SOC-10 Race and Ethnic Relations or
- SOC-10H Honors Race and Ethnic Relations
- SOC-12 Marriage and Family Relations
- SOC-15 Introduction to Women's Studies
- SOC-20 Introduction to Criminology
- SOC-50 Introduction to Social Research Methods

- KIN-38 Stress Management
- PSY-9 Developmental Psychology
- PSY-33 Theories of Personality
- REA-3 Reading for Academic and Lifelong Literacy
- SOC-12 Marriage and Family Relations

- KIN-A90B Weight Training, Intermediate
- KIN-A90C Weight Training, Advanced
- KIN-V01 Cross Country, Varsity, Men
- KIN-V10 Soccer, Varsity Men
- KIN-V12 Cross Country, Varsity, Women
- KIN-V25 Soccer, Varsity Women
- KIN-V78 Long Distance Running
- KIN-V94 In-Season Varsity Sport Conditioning
- KIN-V95 Out of Season Varsity Sport Condition

CSU Graduation Requirement in United States History, Constitution and Government:

Although this is not part of the general education requirements, it is a CSU graduation requirement that you can complete at a community college before you transfer. HIS-6/6H, 7/7H, 14, 31, or 34 may also be used to partially fulfill area C or D. HUM-16 may also be used to partially fulfill area C. POL-1/1H may also be used to partially fulfill area D.

1. U.S. History

- HIS-6 United States History to 1877 or HIS-6H Honors United States History to 1877
- HIS-7 United States History from 1865 or HIS-7H Honors United States History from 1865
- HIS-14 African American History I
- HIS-31 Introduction to Chicano/a Studies
- HIS-34 History of Women in America
- HUM-16 Arts and Ideas: American Culture

2. Constitution and Government

- POL-1 American Politics or POL-1H Honors American Politics
- Note:** Norco College's POL-1 fulfills the CSU graduation requirement in both U.S. government and California state and local government. Students with a score of 3 or higher on the AP U.S. Government and Politics exam or who have taken a U.S. government class at an out-of-state institution may have fulfilled the U.S. government requirement but will still need to fulfill the California state and local government in order to graduate from the CSU.

Notes:

1. Courses cannot be double-counted to satisfy more than one area, even if a course is listed in more than one area.
2. Upper division transfer students will need to complete a minimum of 60 transferable units, their "Golden 4" courses, and at least 30 units of general education.
3. "Golden 4 courses" in areas A-1, A-2, A-3, and B-4 must be completed with grades of "C-" or better. However, RCCD requires a "C" grade or better to meet course prerequisites.
4. It is highly recommended to make an appointment with a counselor to ensure proper academic planning and to complete a student educational plan (SEP). 6/4/20 NF

Norco College
Intersegmental General Education Transfer Curriculum (IGETC) 2020-2021
For Transfer to CSU and UC

Completion of the Intersegmental General Education Transfer Curriculum (IGETC) will permit a student to transfer from a community college to a campus in either the California State University (CSU) or University of California (UC) system without the need to take additional lower-division general education courses. For certain majors at some of the UC campuses it may be more advantageous to complete a campus-specific general education pattern. IGETC certification is valid for community college transfer students only. Those who have already transferred to the CSU/UC systems may under some circumstances return to Norco College to complete IGETC requirements. A course can only be certified if it was approved for IGETC when it was taken.

Note: Riverside City College and Moreno Valley College are separate colleges and the courses that are approved for IGETC may vary. Students who wish to take courses at another institution and apply them towards IGETC should always first consult with a counselor to make sure the course will fulfill the intended requirement.

Transfer students will receive IGETC certification after completing all of the subject areas below with a min. “C” grade or better (A grade of “C-“ is not acceptable.)

Area 1 - English Communication (min. 6-9 semester or 8-12 quarter units) -

CSU – 3 courses required; select one from each group:

UC – 2 courses required; select one from group 1A and one from group 1B:

1A - English Composition:

ENG-1A English Composition or
 ENG-1AH Honors English Composition

1C - Oral Communication: (CSU requirement only)

COM-1 Public Speaking or
 COM-1H Honors Public Speaking
 COM-6 Dynamics of Small Group Communication
 COM-9 Interpersonal Communication or
 COM-9H Honors Interpersonal Communication

1B - Critical Thinking – English Composition:

ENG-1B Critical Thinking and Writing or
 ENG-1BH Honors Critical Thinking and Writing

Area 2 – Mathematical Concepts and Quantitative Reasoning (min. 3 semester or 4 quarter units) – select one course:

MAT-1A Calculus I**

MAT-1B Calculus II

MAT-1C Calculus III

MAT-2 Differential Equations

MAT-3 Linear Algebra

MAT-5 Calculus for Business and Life Science**

MAT-10 Precalculus**

MAT-11 College Algebra**

MAT-12 Statistics or**

MAT-12H Honors Statistics**

MAT-25 Mathematics for the Liberal Arts Student

PSY/SOC-48 Statistics for the Behavioral Sciences**

Area 3 – Arts and Humanities (min. 9 semester or 12 quarter units) –

Select three courses, with at least one course from the “Arts” and one course from the “Humanities”:

3A – Arts:

ARE-35 History of Architecture -
 Beginning through Gothic

ARE-36 History of Architecture -
 Renaissance through Modern

ART-1 History of Western Art: Pre-
 Historic, Ancient, and Medieval

ART-2 History of Western Art:
 Renaissance through Contemporary or

ART-2H Honors History of Western Art:
 Renaissance through Contemporary

ART-5 Arts of Africa, Oceania, and Indigenous
 North America

ART-6 Art Appreciation or

ART-6H Honors Art Appreciation

ART-7 Women Artists in History

ART-9 African Art History

ART-10 Modern and Contemporary Art History

ART-12 Asian Art History

ART-13 Pre-Columbian Art History

ART-14 Latin American Art: Colonial to the Present

DAN-6 Dance Appreciation

GAM-2 History of Video Games (Formerly GAM-21)

MUS-3 Fundamentals of Music

MUS-19 Music Appreciation or

MUS-19H Honors Music Appreciation

MUS-23 History of Rock and Roll

MUS-25 Jazz Appreciation

MUS-89 Music of Multicultural America or

MUS-89H Honors Music of Multicultural America

THE-3 Introduction to the Theatre

THE-29 Musical Theater Appreciation

3B – Humanities:

CHI-11 Culture and Civilization

COM-12 Intercultural Communication*

ENG-6 British Literature I: Anglo-Saxon
 through 18th Century

ENG-7 British Literature II: Romanticism
 through Postmodernism

ENG-8 Introduction to Mythology
 (Same as HUM-8)

ENG-9 Introduction to Shakespeare

ENG-14 American Literature I: Pre-Contact
 through Civil War

ENG-15 American Literature II: 1860 to the Present

ENG-16 Introduction to Linguistics

ENG-20 Survey of African American Literature

ENG-23 The Bible as Literature
 (Same as HUM-23)

ENG-30 Children’s Literature

ENG-35 Images of Women in Literature

ENG-40 World Literature I: From Ancient
 Literatures to the 17th Century

ENG-41 World Literature II: 17th Century
 Through the Present

ENG-44 Poetry from the 20th Century to the Present

ENG-45 Modern Drama

ENG-47 Inlandia: Regional Writing about the
 Inland Empire

ENG-48 Short Story and Novel from the
 20th Century to the Present

FRE-2 French 2

FRE-8 Intermediate Conversation

HIS-1 History of World Civilizations I*

HIS-2 History of World Civilizations II*

HIS-6 United States History to 1877* or

HIS-6H Honors United States History to 1877*

HIS-7 United States History from 1865* or

HIS-7H Honors United States History from 1865*

HIS-14 African American History I*

HIS-25 History of Mexico*

HIS-26 History of California*

HIS-31 Introduction to Chicano/a Studies*

HIS-34 History of Women in America*

HUM-4 Arts and Ideas: Ancient World through the
 Late Medieval Period or

HUM-4H Honors Arts and Ideas: Ancient World
 through the Late Medieval Period

HUM-5 Arts and Ideas: The Renaissance

through the Modern Era or

HUM-5H Honors Arts and Ideas: The Renaissance

through the Modern Era

HUM-8 Introduction to Mythology

(Same as ENG-8)

HUM-9 American Voices

HUM-10 World Religions or

HUM-10H Honors World Religions

HUM-11 Religion in America

HUM-16 Arts and Ideas: American Culture

HUM-18 Death: An Interdisciplinary Perspective

HUM-23 The Bible as Literature

(Same as ENG-23)

HUM-35 Philosophy of Religion

(Same as PHI-35)

PHI-10 Introduction to Philosophy or

PHI-10H Honors Introduction to Philosophy

PHI-12 Intro. to Ethics: Contemporary Moral Issues

PHI-19 Native American Thought

PHI-22 Philosophy of Science

PHI-33 Introduction to Social and Political Philosophy

PHI-35 Philosophy of Religion

(Same as HUM-35)

SPA-2 Spanish 2

SPA-3 Spanish 3

SPA-4 Spanish 4

SPA-8 Intermediate Conversation

SPA-11 Spanish Culture and Civilization

SPA-12 Latin American Culture and Civilization

Area 4 – Social and Behavioral Sciences (min. 9 semester or 12 quarter units) – Select three courses from at least two disciplines:

ADJ-1 Introduction to the Administration of Justice	ECO-8H Honors Principles of Microeconomics	POL-4H Honors Introduction to World Politics
ADJ-3 Concepts of Criminal Law	GEG-2 Human Geography	POL-5 The Law and Politics
ADJ-9 Law in American Society	GEG-3 World Regional Geography	POL-11 Political Theory
ANT-1 Physical Anthropology* or	GEG-4 Geography of California	POL-13 Introduction to American Foreign Policy
ANT-1H Honors Physical Anthropology *	GEG-6 Geography of the U.S. and Canada	PSY-1 General Psychology or
ANT-2 Cultural Anthropology or	HIS-1 History of World Civilizations I*	PSY-1H Honors General Psychology
ANT-2H Honors Cultural Anthropology	HIS-2 History of World Civilizations II*	PSY-2 Biological Psychology*
ANT-3 Prehistoric Culture	HIS-6 United States History to 1877* or	PSY-8 Introduction to Social Psychology
ANT-4 Native American Cultures	HIS-6H Honors United States History to 1877*	PSY-9 Developmental Psychology
ANT-5 Cultures of Ancient Mexico	HIS-7 United States History from 1865* or	PSY-33 Theories of Personality
ANT-6 Introduction to Archaeology	HIS-7H Honors United States History from 1865*	PSY-35 Abnormal Psychology
ANT-7 Anthropology of Religion	HIS-14 African American History I*	PSY-50 Research Methods in Psychology
ANT-8 Language and Culture	HIS-25 History of Mexico*	SOC-1 Introduction to Sociology or
COM-12 Intercultural Communication*	HIS-26 History of California*	SOC-1H Honors Introduction to Sociology
COM-13 Gender and Communication	HIS-31 Introduction to Chicano/a Studies*	SOC-2 American Social Problems
COM-20 Introduction to Communication Theory	HIS-34 History of Women in America*	SOC-3 Social Inequality
EAR-20 Child Growth and Development	JOU-7 Mass Communications	SOC-10 Race and Ethnic Relations
ECO-4 Introduction to Economics**	POL-1 American Politics or	SOC-12 Marriage and Family Relations
ECO-7 Principles of Macroeconomics or	POL-1H Honors American Politics	SOC-15 Introduction to Women's Studies
ECO-7H Honors Principles of Macroeconomics	POL-2 Comparative Politics	SOC-20 Introduction to Criminology
ECO-8 Principles of Microeconomics or	POL-4 Introduction to World Politics or	SOC-50 Introduction to Social Research Methods

Area 5 – Physical and Biological Sciences (min. 7 semester or 9 quarter units) – Select at least one Physical and one Biological Science course. One of the two courses must include a lab – see underlined courses:

5A – Physical Science:

CHE-1A General Chemistry, I
CHE-1B General Chemistry, II
CHE-2A Introductory Chemistry, I**
CHE-2B Introductory Chemistry, II
CHE-3 Fundamentals of Chemistry**
CHE-10 Chemistry for Everyone**
CHE-12A Organic Chemistry, I

CHE-12B Organic Chemistry, II
GEG-1 Physical Geography
GEG-1H Honors Physical Geography
GEG-1L Physical Geography Laboratory
(has a Corequisite of GEG-1 or 1H)
GEG-5 Weather and Climate
PHS-1 Introduction to Physical Science

PHY-2A General Physics I**
PHY-2B General Physics II**
PHY-4A Mechanics**
PHY-4B Electricity and Magnetism**
PHY-4C Heat, Light and Waves**
PHY-10 Introduction to General Physics**
PHY-11 Physics Lab (has a Corequisite of PHY-10)

5B - Biological Science:

ANT-1 Physical Anthropology* or
ANT-1H Honors Physical Anthropology*
ANT-1L Physical Anthropology Laboratory
(has a Corequisite of ANT-1 or 1H)
BIO-1 General Biology or
BIO-1H Honors General Biology
BIO-3 Field Botany
BIO-4 Human Biology (Formerly BIO-17)
BIO-5 General Botany

BIO-7 Marine Biology
BIO-8 Principles of Ecology**
BIO-10 Life Science Principles**
BIO-18 Human Genetics (Formerly BIO-34)
BIO-19 Environmental Sci.** (Formerly BIO-36)
BIO-21 California Naturalist
BIO-45 Survey of Human Anatomy and Physiology
(Formerly AMY-10)

BIO-50A Anatomy and Physiology I (Formerly AMY-2A)
BIO-50B Anatomy and Physiology II (Formerly AMY-2B)
BIO-55 Microbiology (Formerly MIC-1)
BIO-60 Introduction to Molecular and Cellular Biology
(Formerly BIO-11)
BIO-61 Introduction to Organismal and Population Biology
(Formerly BIO-12)
PSY-2 Biological Psychology*

5C – Science Laboratory: This requirement is satisfied by completion of any course in 5A or 5B with a laboratory. Lab courses are underlined.

Area 6 – Languages Other Than English (Select one course – UC requirement only):

6A:

CHI-1 Mandarin Chinese 1
CHI-2 Mandarin Chinese 2

FRE-1 French 1
FRE-2 French 2
SPA-1 Spanish 1

SPA-2 Spanish 2
SPA-3 Spanish 3
SPA-4 Spanish 4

Or 6B: Proficiency equivalent to two years of high school in the same language. (Students from non-English speaking countries should see a counselor for language proficiency equivalencies.)

CSU Graduation Requirement Only in United States History, Constitution and Government:

Although this is not part of the IGETC, it is a CSU graduation requirement that you can complete at a community college before you transfer. HIS-6/6H, 7/7H, 14, 31, or 34 may also be used to partially fulfill area 3B or 4. HUM-16 may also be used to partially certify area 3B. POL-1/1H may also be used to partially fulfill area 4.

1. U.S. History

HIS-6 United States History to 1877 or HIS-6H Honors United States History to 1877
HIS-7 United States History from 1865 or HIS-7H Honors United States History from 1865
HIS-14 African American History I
HIS-31 Introduction to Chicano/a Studies
HIS-34 History of Women in America
HUM-16 Arts and Ideas: American Culture

2. Constitution and Government

POL-1 American Politics or POL-1H Honors American Politics
Note: Norco College's POL-1 fulfills the CSU graduation requirement in both U.S. government and California state and local government. Students with a score of 3 or higher on the AP U.S. Government and Politics exam or who have taken a U.S. government class at a regionally accredited out-of-state institution may have fulfilled the U.S. government requirement but will still need to fulfill the California state and local government in order to graduate from the CSU.

IGETC Advisement: Former UC, CSU and students with coursework from other four-year institutions, including outside the U.S., should consult with a counselor to determine whether they should complete IGETC or the lower-division general education requirements at the campus they plan to attend. For the UC: Students who initially enroll at a UC campus, then leave and attend a California Community College, and subsequently return to the same UC campus, are considered "re-admits" by the UC. Such students cannot use IGETC. However, students who enroll at a UC campus, then leave and attend a California Community College, and subsequently return to a different UC campus may use the IGETC pattern. It is recommended that students meet with a counselor to discuss possible further IGETC limitations.

Notes:

- * Courses cannot be double-counted to satisfy more than one area, even if a course is listed in more than one area. The only exceptions to this are several courses in Area 6A – Language Other Than English, which can also be counted towards area 3B.
- ** UC limits transfer credit for some courses. Students may review the UC Transfer Course Agreement (TCA) with a counselor for information on course limitations.
- Some of the UC campuses do not accept or recommend IGETC for certain majors, (i.e. Engineering, Sciences). Students should consult with a counselor to determine the most appropriate general education pattern for their major and intended transfer institution. For updated information about IGETC limitations visit: <https://admission.universityofcalifornia.edu/admission-requirements/transfer-requirements/general-education-igetc/igetc/campus-guidance.html>
- It is highly recommended to make an appointment with a counselor to complete a student educational plan (SEP).