Catalog Update for 2022-23 College Catalog
Last Updated : April 13, 2023

CCSF Credit Admission Policy

City College has an open admissions policy for students who live in California and international students. Eligibility to attend is satisfied if you meet at least one of the following requirements:

x   You are eighteen (18) years old on or before the first day of instruction for the term for which you are applying.

x   You are a high school graduate.

Please note that the above requirements are general; other factors may determine eligibility.

If the College has reason to question the validity of a student's high school diploma, the student will be notified they can continue enrollment but will not qualify for financial aid/Title IV funds.

For more details, contact the Office of Admissions and Records at admit@ccsf.edu or visit the Admissions Virtual Help Counter to speak with an Admissions staff member.

New CSU GE Area Implementation

In response to Education Code Section 89032, the CSU system has implemented a new GE Area in Ethnic Studies, Area F. Students with catalog rights of Fall '21 or later will be required to fulfill 3 – semester units (4 quarter units) in

Programs

The minimum time for completion of this certificate is 3 semesters. Completion time will vary based on student preparation and number of classes completed per semester.

Courses Required for the Certificate of Achievement in Basic Police Officer

Course	Units
Required	
ADMJ 101 Basic Police Academy	38.5
ADMJ 72 Police Work Experience	8.0
Total:	46.5

ART

Learning Outcomes

Upon completion of this program, students will be able to:

x Apply construction terminology and units of measurement to complete construction tasks.

x Manage tools, equipment, and materials safely and appropriately.

x Apply recommended practices to the use of construction tools, machines, and specialized equipment.

x Interpret and explain workplace instructions.

The minimum time for completion of this certificate is 1 semester. Completion time will vary based on student preparation and number of classes completed per semester.

Courses Required for the Certificate of Completion in Construction

Course ....Hours
Required
CNST 1000 Introduction to Construction 145.0
Choose one of the following courses:
CNST 8800 Applied Trades Math 52.5
ESLV 3832 ESL for Construction Workers 85.0
TRST 4600 Vocational Foundation Skills--Reading and Writing .... 30.0 – 90.0
Total: .... 175.0 – 235.0

HEALTH CARE TECHNOLOGY

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Students may obtain the Associate of Science in Pharmacy Technician by successfully completing the courses in the major program and general education requirements. The Pharmacy Technician Program starts in the fall semester each year. The curriculum is designed to prepare students to work under the direct supervision of a pharmacist in hospitals, community-based pharmacies, and other institutional settings.

Learning Outcomes

Upon completion of this program, students will be able to:

x Perform the administrative and clinical skills necessary for entry-level employment as a pharmacy technician

Successful applicants are required to submit evidence of a recent tuberculin skin test or chest x-ray, proof of immunizations, and a physical examination that indicates they are in good physical health, including the following:

- x 20/100 vision correctable to 20/30 in both eyes with normal color perception
- x the ability to stand unassisted for long periods of time
- x the ability to walk, bend, reach, lift product, and stoop frequently
- x normal hearing or corrected hearing within the normal range
- x the ability to manipulate stationary and mobile medical equipment

Although applicants who meet the above requirements are eligible for the program, classroom space and clinical site placements limit the class size to 30 students; therefore, students are selected by lottery from the eligible applicants.

Background Check.   A background check may be required by the assigned clinical sites. The cost of this will be incurred by the student. Students must complete this background check prior to clinical placement.

Drug Screening.   Drug screening may be required by the clinical placement site. The student is responsible for this cost.

Immuni zation Screening . Certain immunizations may be required by the clinical placement site. The student is responsible for this cost.

While students have some choice in how to fulfill their General Education and graduation requirements, the Pharmacy Technician Program recommends the following course work: MATH 80 or MATH 80+80S or ECON 5 or PSYC 5 or LALS 5; ASAM 20 or LALS 1 or AFAM 60 or HIST 12B.

Note that the program description below outlines only how students fulfill the major requirement for an associate degree. The CCSF associate degree has several other components, including general education requirements. Please meet with a counselor and read the Associate Degree Requirements chapter of the CCSF Catalog for complete information. Please contact the Biotechnology Program Coordinator to plan the biotechnology courses for the AS Degree. Assuming a student starts this AS with transfer-level math and English eligibility, the minimum time for completion is 4 semesters. Completion time will vary based on student preparation and the number of units completed per semester.

Courses Required for the   Major in Pharmacy Technician
Course ....in Pharmacy Technician... ...Major

Students must complete BIO 106 and be eligible for college-level English prior to beginning this program.

The minimum time for completion of this certificate is 4 semesters. Completion time will vary based on student preparation and number of classes completed per semester.

Courses Required for the Certificate of Achievement i n CVT/Echocardiography Technician
Course .... Units
Fall Semester
CVT 101 Cardiovascular Technician 3.0
CVT 110 Cardiovascular Skills 7.0
ECHO 101 Echocardiography... 7.0
Spring Semester
CVT 201 Advanced Cardiovascular Technician 4.0
CVT 210A Introductory Echocardiography Professional Practice 5.0
ECHO 201 Advanced Echoca.6 (210A)3.Tc -0 0 Td ( )Tjp06 (.)p2 (a-2 (5 (c -5)0.503 Tw -43 (.2x.6 (.)0.5 (.)0.6 (.)0.5sgA)3.Tc

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Learning Outcomes
Upon completion of this program, students will be able to:

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Choose one of the following
MATH 108 Foundations of Data Science*.. 5.0
ECON 5 Introductory Statistics for Economics, Business and Social Sciences **........................ 5.0
LALS 5 Introduction to Statistical Methods in Latin American and Latino/a Studies.................... 5.0
MATH 80 Probability and Statistics.. 5.0
PSYC 5 Statistics for Behavioral Sciences... 5.0
* Students are strongly advised to meet with a counselor when planning their course work, as Statistics course options might impact transferability, especially to the UC system.
** Students who take ECON 5, LALS 5, MATH 80, or PSYC 5 should also take CS 10 if they do not have prior computer programming experience. Be advised that this will not be accepted in place of DATA 8 at UC Berkeley.
Choose one of the following
CS 110B Programming Fundamentals: C++ 4.0
CS 111B Programming Fundamentals: Java 4.0
Choose one of the following
CS 110C Data Structures and Algorithms: C++ 4.0
CS 111C Data Structures and Algorithms: Java.. 4.0
Choose one of the following
ASTR 16 Observational Astronomy*.. 1.0
BIO 112 Introduction to Human Physiology... 4.0
CHEM 101B General College Chemistry.. 5.0
CS 131B Programming Fundamentals: Python.. 4.0
CS 150A Introduction to SQL Databases and NoSQL 3.0
CS 256 Data Visualization 3.0
ENVS 31 Introduction to Environmental Science 3.0
FIN 110 Principles of Risk Management 3.0
FIN 136M Personal Financial Planning Math Emphasis... 3.0
FIN 138 Principles of Investment.. 3.0
GEOG 110 Introduction to GIS 3.0
MATH 115 Discrete Mathematics 3.0
PSYC 2 Research Methods 3.0
SOC 21 Introduction to Research Methods 3.0
* ASTR 16 is a lab course. Students who choose this course will be required to take ASTR 1, 17, 18, or 19 in addition to taking ASTR 16.
Recommended
CMST 20 Interpersonal Communication... 3.0
Total: .... 27.0 – 31.0

VISUAL MEDIA DESIGN

The Digital Animation certificate builds on the Digital Art Foundation Certificate for students interested in Digital Animation. It combines the study of animation, art, graphics and problem solving using the tools and techniques for digital animation. This course of study prepares students for entry-level positions in digital animation. This certificate requires successful completion of the Digital Art Foundation Certificate or demonstration of equivalent knowledge and skills.

Learning Outcomes

Upon completion of this program, students will be able to:

x Define and apply principles of animation in creative work.

x Create, edit, and troubleshoot animated project files using industry-standard tools and software.

x Analyze and critique creative work in verbal and written form.

x Employ professional design and production studio practices.

x Manage a portfolio of animation work.

The minimum time for completion of this certificate is 2 semesters. Completion time will vary based on student preparation and number of classes completed per semester.

Courses Required for the Certificate of Achievement in Digital Animation
Course .... Units
Required
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