2026-2027 Catalog
Spring Addendum

This catalog Addendum encompasses the Spring semester (January-May 2027),

Catalog Addendum Published November 2026

www.solano.edu

A public community college serving the Northern California communities of
Benicia, Dixon, Fairfield, Suisun, Travis Air Force Base,
Vacaville, Vallejo, and Winters

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Advanced Manufacturing

Automation

Certificate of Achievement and Associate in Science

Program Description

The Automation degree program provides an introduction to industrial automation including digital electronic, process control and programming of PLCs, robotics and data acquisition systems (SCADA). The program examines applications and examples of automated manufacturing systems including both the theory and function of digital and industrial electronics, hydraulics and pneumatics, robotics systems, digital programming languages and alarm management.

Students completing this degree will be able to describe and apply current safety rules and regulations while working on various manufacturing and automation systems. Students will also be able to configure and program manufacturing systems and modules including Programmable Logic Controllers (PLCs), Human Machine Interfaces (HMIs), and industrial robots. Finally, students will demonstrate an understanding of electrical systems and devices related to manufacturing and automation systems.

Career opportunities for those obtaining this degree include maintenance technician, automation technician, industrial machinery mechanic, electronics technician, electro-mechanical technician, or as a robotics technician.

The Associate in Science can be obtained by completing the 27-unit major, General Education, and electives as needed to complete a minimum of 60 units. The Certificate of Achievement can be obtained by completing the 27-unit major. All courses within the major must be completed with a minimum grade of C or P if taken on a Pass/No Pass basis.

Program Outcomes

Students who complete the Automation Technology Certificate of Achievement/Associate in Science will be able to:

1. Describe and apply current safety rules and regulations while working on various manufacturing and automation systems.
2. Configure and program manufacturing systems and modules including Programmable Logic Controllers (PLCs), Human Machine Interfaces (HMIs), and industrial robots.
3. Demonstrate an understanding of electrical systems and devices related to manufacturing and automation systems.

REQUIRED COURSES	**Units**
CIS 001 Introduction to Computer Science	3
ADVM 101 Introduction to Mechatronics	3
ADVM 051 Vocational Mathematics	3
ADVM 121 Electronics	3
ADVM 162 Robotic Manufacturing Systems	3
ADVM 164 Programmable Logic Controllers	3
ADVM 165 Advanced Programmable Logic Controllers	3
Six units from Elective List	6
Required Major Total Units	**27**

Elective List (select six units)	**Units**
ADVM 132 Principles of Fluid Power Systems	3
ADVM 142 Principles of Electrical Machinery	3
ADVM 163 Advanced Robotics Manufacturing Systems	3
ADVM 166 CNC Programming	3
ADVM 167 Advanced CNC Programming	3
DRFT 151 3D Modeling with Fusion 360	1.5
ADVM 174 Making Things 4 – Basic Electronics	1
OCED 070 Occupational Soft Skills	1.5
OCED 090 Occupational Work Experience	1

*Consult with your **counselor** for guidance on custom course pathway*

***All Prerequisite courses must be completed with a minimum grade of C, or a P if taken on a Pass/No Pass basis, unless otherwise noted*

*To look up current section offerings and CRNs visit the **Class Finder**. To register for classes log in to **MySolano***

Art History

Associate in Arts in Art History for Transfer (ADT: A.A.-T)

Program Description

This program provides the academic and practical experience to prepare students for a career, or further education at a four-year institution, in art history and related fields, such as museum studies, art education and administration. The Associate in Arts in Art History for Transfer provides the academic and practical experience to transfer into the CSU system to complete a baccalaureate degree that will prepare students for a career in Art History.

The Associate in Science in Art History is fully transferable to the CSU. Students who meet the CSU's minimum eligibility requirements are guaranteed priority admission to a CSU campus, though not necessarily to a particular campus or major. With this degree you will be required to take no more than 60 semester or 90 quarter units after transfer to complete a bachelor's degree if you transfer into a program at the CSU that's similar to the Associate in Science in Art History for Transfer.

Students wishing to transfer to the University of California (UC) system for an Art History B.A. would benefit from taking all the art history courses in the program (ARTH C1100, C1200, 021, 025, 031 and 035). The Associate in Arts in Art History for Transfer also prepares students for art history degree programs at UC institutions, but does not come with the same guarantees. In all cases, students should consult with a counselor for more information on university admission and transfer requirements.

To earn the Associate in Arts in Art History for Transfer, students must:

1. Complete 60 semester units that are eligible for transfer to the California State University, including both of the following:
   a. The California General Education Transfer Curriculum (Cal-GETC)
   b. A minimum of 18 semester units in a major or area of emphasis, as determined by the community college district
2. Obtain a minimum grade point average of 2.0
3. Complete all courses within the major with a minimum grade of C or P if taken on a Pass/No Pass basis

Program Outcomes

Students who complete the Associate in Arts in Art History for Transfer degree will be able to:

1. Analyze issues related to the perception, scholarship, and display of artwork.
2. Use scholarly sources effectively and ethically to support their analyses of art.
3. Analyze the relationship between various cultures and their art forms, linking specific works, artists, and art movements/periods to relevant historical events, cultural values, and belief systems.

REQUIRED COURSES ..... Units

3 courses from Art History..... 9
2 courses from Studio Art..... 6
3 units from Modern and Contemporary Art 3
Required Major Total units 18

Art History (Select 3 courses)

ARTH C1100 Survey of Art from Prehistory to the Medieval Era..... 3
ARTH C1200 Survey of Art from the Renaissance to Contemporary..... 3
ARTH 021 Asian Art 3
ARTH 025 African, Oceanic, Ancient and Indigenous American Art 3

Studio Art Basic Core: (select 1 course) ..... Units

ART 006 Design Principles in 2-Dimensions 3
ART 007 Design-Color..... 3
ART 008 Design Principles in 3-Dimensions 3
ART 014 Drawing - Beginning 3
ART 016 Painting - Beginning..... 3

Additional Studio Art (select 1 course from this list or any not used)

ART 004 Life Drawing - Beginning..... 3
ART 017 Painting - Intermediate 3
ART 019 Figure Painting..... 3
ART 021 Watercolor - Beginning..... 3
ART 023 Ceramics: Hand Building - Beginning..... 3
ART 026 Ceramics: Wheel Throwing - Beginning 3
ART 031 Sculpture - Beginning 3
DMA 009 Introduction to Digital Design..... 3
PHOT 029 Introduction to Photography 3

Modern and Contemporary Art (select 1 course) .. Units

ARTH 031 Modern Art 3
ARTH 035 Diverse Art: Race and Representation in the U.S.A. 3

Automotive

Automotive Technician

Associate in Science

Program Description

The Automotive Technician program is designed to prepare graduates for entry level employment in the automotive industry as apprentice technicians, parts specialists, service consultants, or specialists in one of the many areas in the automotive service and repair industry.

The Associate in Science can be obtained upon completion of the 37-unit major, General Education, and electives as needed to complete a minimum of 60 units. All courses in the major must be completed with a minimum grade of C or a P if the course is taken on a Pass/No Pass basis.

Program Outcomes

Students who complete the Automotive Technician Associate in Science will be technically proficient in entry level skills as defined by the National Automotive Technician's Education Foundation (NATEF) by demonstrating:

1. Demonstrate the ability to properly service and repair automotive engines, automatic and manual transmissions and transaxles.
2. Demonstrate the ability to properly service and repair automotive brakes, steering and suspension systems.
3. Demonstrate the ability to properly service and repair automotive electrical, engine performance, HVAC and hybrid/alternative fuel vehicles.
4. Demonstrate effective workplace skills including oral and written communication and proper disposal and handling of hazardous waste materials

REQUIRED COURSES ..... **Units**

ATEC 070 Automotive Fundamentals 3
ATEC 130 Automotive Suspension and Steering..... 4
ATEC 131 Automotive Electrical Systems 4
ATEC 132 Automotive Brake Systems 4
ATEC 133 Automotive Engine Repair 4
ATEC 134 Automatic Transmissions/Transaxles..... 4
ATEC 135 Automotive Engine Performance..... 4
ATEC 136 Automotive Manual Drivetrain and Axles..... 4
ATEC 137 Automotive Heating and Air Conditioning..... 4
ATEC 160 Automotive Field Work 2

Required Major Total Units.....37

ATEC 131B **2.0 Units**

Automotive Electrical Systems - Advanced

Non-Transferable to UC or CSU
Hours: 32-36 lecture, 96-108 lab

Emphasis on applied techniques in schematic reading, scan tool usage and diagnosis of various automotive electronic systems, including power doors, mirrors, windows and seats; sunroofs; air bags; keyless entry; networks and other body control electronics. This course covers ADAS diagnoses and calibration. This course builds on the concepts introduced in Automotive Electrical Systems. The course is designed in conjunction with current Automotive Service Excellence (ASE) standards and subsequently will in part prepare the student for the ASE Electrical / Electronic A6 Certification Examination. (Formerly ATEC 138)

ATEC 160 **2.0 Units**

Automotive Field Work

Non-Transferable to UC or CSU
Hours: 16-18 lecture, 64-72 lab

This course gives students an opportunity to experience tasks with a supervised certified technician across major automotive systems including engine repair, automatic/ manual transmissions, drivetrains, steering and suspension, brakes, electrical systems, and HVAC in alignment with ASE Education Foundation standards. Course includes a required hours of fieldwork in an approved Automotive Facility. Fieldwork hours can be used towards required ASE certification hours.

*Consult with your **counselor** for guidance on custom course pathway*
***All Prerequisite courses must be completed with a minimum grade of C, or a P if taken on a Pass/No Pass basis, unless otherwise noted*
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ATEC - Automotive Technology

ATEC 140 **2.0 Units**

Light Duty Hybrid/Electric Vehicles

Prerequisite: ATEC 070 may enroll concurrently
Advisory (suggested preparation, not required): ATEC 131
Non-Transferable to UC or CSU
Hours: 16-18 lecture, 64-72 lab

An overview of alternative fuel vehicles including gaseous fuels such as hydrogen, natural gas, propane; alcohols such as ethanol, methanol, and butanol; vegetable and waste-derived oils; electric and gas-electric hybrid vehicle fundamentals. Topics will include safety issues associated with high voltage batteries and motor-generators, maintenance and repair of high voltage systems, drivability, inverter power transfer, and battery technologies. The course is designed in conjunction with Automotive Service Excellence (ASE) standards and prepares the student for the ASE Light Duty Hybrid/Electric Vehicle L3 certification exam.

ATEC 145 **4.0 Units**

Heavy Duty Diesel- Engine Specialist

Advisory (suggested preparation, not required): ATEC 144 or ATEC 133
Non-Transferable to UC or CSU
Hours: 32-36 lecture, 96-108 lab

This course provides students with foundational and advanced knowledge in heavy-duty diesel engine teardown, inspection, measurement, repair, and rebuilding procedures used throughout the heavy-duty transportation and equipment industries. Students will develop hands-on skills in engine disassembly, component identification, precision measurement, failure analysis, reconditioning, and reassembly using industry-standard tools, service information, and safety practices. Emphasis is placed on proper diagnostic techniques, engine performance principles, and operational efficiency related to heavy-duty powertrain systems. The course also introduces students to basic performance modifications and tuning concepts commonly used within the heavy-duty industry. Instruction is designed to align with current industry standards and prepare students for future manufacturer-specific training opportunities and employment in the heavy-duty diesel field.

ATEC 546A **0.0 Units**

Honda Individualized Skills Training (IST) - 1

Prerequisite: Permission of Instructor
Non-Transferable to UC or CSU
Hours: 32-36 lecture, 48-54 lab

This course allows automotive students to start Honda Individualized-Skills-Training which includes "hands-on" skill modules covering General and express-Service. Students will also practice Honda Express-Service choreography. (NOTE: This course requires a Honda/Acura Dealer Personnel Tracking System (DPTS) ID to enroll.)

ATEC 546B **0.0 Units**

Honda Individualized Skills Training (IST) - 2

Prerequisite:ATEC 546A
Non-Transferable to UC or CSU
Hours: 16-18 lecture, 64-72 lab

This course allows automotive complete Honda Individualized-Skills-Training which includes "hands-on" skill modules covering General and express-Service. Students will also practice Honda Express-Service choreography. (NOTE: This course requires a Honda/Acura Dealer Personnel Tracking System (DPTS) ID to enroll.)

ATEC 560 **0.0 Units**

Automotive Field Work

Non-Transferable to UC or CSU
Hours: 16-18 lecture, 64-72 lab

This course gives students an opportunity to experience tasks with a supervised certified technician across major automotive systems including engine repair, automatic/ manual transmissions, drivetrains, steering and suspension, brakes, electrical systems, and HVAC in alignment with ASE Education Foundation standards. Course includes a required hours of fieldwork in an approved Automotive Facility. Fieldwork hours can be used towards required ASE certification hours.

ATHL - Athletics

ATHL 012B **0.5 Unit**

Beach Volleyball - Intercollegiate Off-Season

*Prerequisite**: Athletic Tryout & Team Selection*
Transferable to UC/CSU
Hours: 24-27 lecture

The development and enhancement of physical and mental performance and maintenance level required for the intercollegiate student-athlete in preparation for the collegiate season of competition. The course will focus on fitness/conditioning as well as sport specific strategies and movements. An opportunity to represent and train as a member of the Falcon's intercollegiate beach volleyball team. Student athletes will be required to meet the standards of the California Community College Athletic Association (CCCAA) eligibility guidelines and decorum policies. Students may enroll in this course up to 4 times for credit and if eligible may participate for two seasons at the community college level. This course is open to all students who wish to try out for competition at the intercollegiate level, with permission from the Head Coach.

DMA - Digital Media Art

Digital Illustration and Animation

Certificate of Achievement and Associate in Art

Program Description

The programs in Digital Illustration and Animation prepare students for entry-level creative work by building foundational skills in visual storytelling, drawing, and digital media. Through hands-on, project-based coursework, students develop competencies in traditional and digital illustration, character design, and introductory animation techniques.

The programs emphasize practical skill development, industry-standard software, and portfolio-driven outcomes. Students complete guided projects that support the creation of a beginning professional portfolio suitable for entry-level positions, freelance opportunities, or continued study. Instruction takes place in a supportive, collaborative community college environment that encourages experimentation and the development of an emerging artistic voice.

The Certificate of Achievement can be optained by completing the 24-unit major. The Associate in Art can be obtained by completing the 24-unit major, general education, and electives, as needed to complete a minimum of 60 units, All couress within the major must be completed with a minimum grade of C or P if taken on a Pass/No Pass basis.

Program Outcomes
Students who complete the Graphic Design & Illustration Associate in Arts will be able to:

1. Create original visual work that demonstrates foundational skills in drawing, color and design, visual storytelling, and digital illustration using traditional and industry-standard tools.
2. Apply introductory animation and character design techniques to produce short narrative or concept-driven motion projects.Develop and maintain a professional portfolio of work.
3. Develop a beginning professional portfolio that demonstrates technical proficiency, creative problem-solving, and an emerging personal artistic voice suitable for entry-level work or transfer.

REQUIRED COURSES ..... Units
ART 006 Design Principles in 2-Dimensions 3
ART 007 Design Color 3
ART 014 Drawing - Beginning 3
Select one of the 2 drawing courses below
ART 004 Life Drawing - Beginning..... 3
ART 015 Drawing - Intermediate 3
Required Major Total Units.....24

Choose an Emphasis in Illustration or Animation

Illustration Emphasis (Complete 6 units)
DMA 020 Introduction to Digital Illustration 3
DMA 021 Digital Illustration - Intermediate 3

Animation Emphasis (Complete 6 units)
DMA 031 Introduction to Animation..... 3
Select one of the following courses
FTV 010 Introduction to Cinema Studies..... 3
FTV 013 Screenwriting: Beginning..... 3
THEA 001 Acting 1 3

Electives (select 6 units from electives or any of the courses not used within the other areas).....**Units**
DMA 009 Introduction to Digital Design..... 3
DMA 010 Graphic Design - Beginning..... 3
DMA 011 Graphic Design - Intermediate..... 3
DMA 032 2D Animation..... 3
DMA 033 3D Animation and Modeling 3
DMA 040 Motion Graphics..... 3
DMA 100 Design Bootcamp..... 1
DMA 101 Adobe Illustrator Bootcamp 1
DMA 102 Adobe Photoshop Bootcamp..... 1
DMA 103 Portfolio and Publication Bootcamp..... 1
DMA 110 Digital Illustration Bootcamp 1
DMA 120 Animation Bootcamp..... 1
DMA 130 Digital Textiles Bootcamp 1

DMA - Digital Media Art

DMA 021 **3.0 Units**
Digital Illustration - Intermediate
*Prerequisite**: DMA 020*
Transferable to UC/CSU
Hours: 24-27 lecture, 72-81 lab
Build advanced conceptual and narrative skills through digital illustration projects using industry-standard tools. Work directly with diverse community stakeholders and clients to create visual stories, producing polished portfolio pieces that demonstrate your creative development. (Formerly ART 046C)

DMA 062 UI/UX Design - Beginning 3.0 Units
Advisory (suggested preparation, not required): DMA 009 and CIS 061
Transferable to UC/CSU
Hours: 24-27 lecture, 72-81 lab
This course introduces the art of user interface (UI) design through a hands-on, practical approach. Students will learn UX (user experience) research methods, visual and interaction design principles, and industry-standard tools. Students will develop responsive website layouts for both mobile and desktop platforms, with attention to usability, accessibility, and audience needs. The course culminates in the production of a portfolio-ready case study that documents the design process and outcomes. *This course requires access to a computer and a reliable internet connection.*

DMA 063 UI/UX Design - Intermediate 3.0 Units
Prerequisite: DMA 062
Transferable to UC/CSU
Hours: 24-27 lecture, 72-81 lab
This course continues the study of user experience (UX) and user interface (UI) design with an emphasis on mobile application development. Students engage in applied research, usability testing, and iterative prototyping using industry-standard tools such as Figma. Students will learn about accessibility, inclusive design, and interaction design principles, as well as professional practices for collaboration and developer handoff. Students develop a mobile application prototype that demonstrates the design process from research through high-fidelity prototyping, culminating in a portfolio-ready case study. *When taught online or hybrid, the course requires access to a computer capable of running Figma and a reliable internet connection.*

Human Services and Social Work

Human Services and Social Work

Associate in Arts

Program Description

The Human Services and Social Work program provides comprehensive training resulting in well-rounded Human Services and Social Work paraprofessionals. The curriculum is designed for people interested in various areas of employment such as mental and behavioral health, social welfare, developmental services, criminal justice, and chemical dependency. Graduates leave our program with a solid understanding of the human condition and the necessary skills needed to work with a diverse population. Completing the Associate of Arts may also prepare graduates to become a Certified Wellness Coach, through a free California state certification.

The Associate in Arts can be obtained upon completion of the 30.5-32.5 unit major, general education requirements, and electives. as needed to complete a minimum of 60 units. All courses in the major must be completed with a minimum grade of C or P if taken on a Pass/No Pass basis. While units in this program are transferable to 4-year institutions, students should contact a counselor for more information.

If students choose to complete the Certified Wellness Coach Pathway of the Human Services and Social Work AA by choosing HSW 086 where they will complete all of their fieldwork hours serving children and young adults age 25 and younger will be eligible to apply to become a Certified Wellness Coach, through a free California state certification. A Certified Wellness Coach is a job that was created to increase California's overall capacity to support the growing behavioral health needs of younger people. It is designed to help build a larger and more diverse and representative behavioral health workforce in California that has the training and supervision needed to engage directly with younger people where they live, study and work.

Wellness Coaches will offer non-clinical services that support youth behavioral health and well-being, such as wellness promotion and education, screening, care coordination, individual and group support, and crisis referral. The model will supplement and support existing behavioral health roles, fill gaps in the current behavioral health workforce, and create a larger and more diverse workforce with whom children and young adults can connect.

Program Outcomes

Students who complete the Human Services Certificate of Achievement/Associate in Arts will be able to:

1. Demonstrate culturally responsive helping skills and techniques.
2. Link consumers to services relevant to their needs.
3. Facilitate psychoeducational and support groups.

REQUIRED COURSES ..... **Units**

HSW 001 Introduction to Human Services and Social Work 3
HSW 082 Serving Diverse Populations 3
PSYC C1000 Introduction to Psychology 3
HSW 083 Introduction to Case Management 3
HSW 085 Introduction to Group Process 3
PSYC 020 Personal and Social Behavior 3
PSYC 040 Drugs, Society & Behavior 3
Required Major Total Units 30.5-32.5

Fieldwork Option

(select either HSW 086 or COUN 064 & COUN 064P)
HSW 086 Fieldwork Serving Children and Young Adults 5.5
COUN 064 Human Services and Social Work Seminar 1.5
COUN 064P Human Services and Social Work Practicum 2

ASSOCIATE DEGREE SELECTIVES ***(select 2 courses)***

CJ 001 Introduction to Criminal Justice 3
PSYC 005 Abnormal Psychology 3
PSYC 006 Developmental Psychology 3
PSYC 012 Introduction to Gender 3
PSYC 018 Positive Psychology 3
PSYC 034 Human Sexual Behavior 3
SJS 001 Introduction to Social Justice Studies 3
SOCI C1000 Introduction to Sociology 3
SOCI 002 Social Issues and Problems 3

*Consult with your **counselor** for guidance on custom course pathway*
***All Prerequisite courses must be completed with a minimum grade of C, or a P if taken on a Pass/No Pass basis, unless otherwise noted*
*To look up current section offerings and CRNs visit the **Class Finder**. To register for classes log in to **MySolano***

Human Services and Social Work

Certificate of Achievement

Program Description

The Human Services and Social Work program provides comprehensive training resulting in well-rounded Human Services and Social Work paraprofessionals. The curriculum is designed for people interested in various areas of employment such as mental and behavioral health, social welfare, developmental services, criminal justice, and chemical dependency. Graduates leave our program with a solid understanding of the human condition and the necessary skills needed to work with a diverse population.

A Certificate of Achievement can be earned upon completion of the 18.5-20.5-unit major. All courses in the major must be completed with a minimum grade of C or a P if taken on a Pass/No Pass basis. While units in this program are transferable to other institutions, students should contact a counselor for more information.

Students who earn the Certificate of Achievement can apply the completed courses toward a Human Services and Social Work Associate of Arts (AA). Students who earn the Human Services and Social Work AA that chose to complete all of their fieldwork hours serving children and young adults age 25 and younger will also be eligible to apply to become a Certified Wellness Coach, through a free California state certification. A Certified Wellness Coach is a job that was created to increase California's overall capacity to support the growing behavioral health needs of younger people. It is designed to help build a larger and more diverse and representative behavioral health workforce in California that has the training and supervision needed to engage directly with younger people where they live, study and work.

Wellness Coaches will offer non-clinical services that support youth behavioral health and well-being, such as wellness promotion and education, screening, care coordination, individual and group support, and crisis referral. The model will supplement and support existing behavioral health roles, fill gaps in the current behavioral health workforce, and create a larger and more diverse workforce with whom children and young adults can connect. If you are interested in also earning this free Wellness Coach CA state certification, you must register for HSW 086 for fieldwork serving people ages 25 and younger.

Program Outcomes

Students who complete the Human Services Certificate of Achievement/Associate in Arts will be able to:

1. Demonstrate culturally responsive helping skills and techniques.
2. Link consumers to services relevant to their needs.
3. Facilitate psychoeducational and support groups.

REQUIRED COURSES .....**Units**

HSW 001 Introduction to Human Services and Social Work 3
HSW 082 Serving Diverse Populations 3
PSYC C1000 Introduction to Psychology 3
HSW 083 Introduction to Case Management..... 3
HSW 085 Introduction to Group Process..... 3

Fieldwork Option

(select either HSW 086 or COUN 064 & COUN 064P)
HSW 086 Fieldwork Serving Children and Young Adults 5.5
COUN 064 Human Services and Social Work Seminar.....1.5
COUN 064P Human Services and Social Work Practicum 2

Required Major Total Units.....18.5-20.5

*Consult with your **counselor** for guidance on custom course pathway*
***All Prerequisite courses must be completed with a minimum grade of C, or a P if taken on a Pass/No Pass basis, unless otherwise noted*
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HSW - Human Services and Social Work

HSW 082 Serving Diverse Populations 3.0 Units

Prerequisite: HSW 001; Recommended to enroll concurrently to use the knowledge and skill set in the field to serve diverse consumers.
General Education: SCC Area 4, Local District Requirement - Cross-Cultural Studies
Transferable to CSU
Hours: 48-54 lecture

Explore the values, strengths, challenges, concerns and needs of diverse populations including, but not limited to, age, gender, sexual orientation, ethnicity, socioeconomic status and physical or psychiatric (dis)ability. Students have the opportunity to gain insight, knowledge and skills necessary to provide culturally responsive services when working with diverse populations in Human Services and Social Work settings. The impact of intersectionality, bias, and inequities are examined.

HSW 086 3.0 Units

Fieldwork Serving Children and Young Adults

*Prerequisite**: HSW 001, HSW 082, PSYC C1000*
Co-Requisite: HSW 083
Transferable to CSU
Hours: 32-36 lecture, 168-189 Field Experience

Students will provide direct behavioral health services to consumers/clients aged 25 years and younger at an approved internship or other approved field experience site that is supervised by a qualified professional. The application of foundational knowledge and skills, including ethics and legal considerations, when providing culturally responsive services will be examined. Academic review and professional development may result in employment that focuses on wellness, care coordination, and screening for basic behavioral health needs. This course meets the minimum requirements to apply for the Wellness Coach CA state certification.

HSW 586 0.0 Units

Fieldwork Serving Children and Young Adults

*Prerequisite**: HSW 001, HSW 082, PSYC C1000*
Co-Requisite: HSW 083
Hours: 32-36 lecture, 168-189 Field Experience

Students will provide direct behavioral health services to consumers/clients aged 25 years and younger at an approved internship or other approved field experience site that is supervised by a qualified professional. The application of foundational knowledge and skills, including ethics and legal considerations, when providing culturally responsive services will be examined. Academic review and professional development may result in employment that focuses on wellness, care coordination, and screening for basic behavioral health needs. This course meets the minimum requirements to apply for the Wellness Coach CA state certification.

MATH - Mathematics

MATH 022 **4.0 Units**

Analytic Geometry and Calculus III

C-ID: MATH 230
*Prerequisite**: MATH C2220*
General Education: Cal-GETC: Area 2
Transferable to UC/CSU
Hours: 48-54 lecture, 48-54 lab

The third course of a three-semester sequence in Analytic Geometry and Calculus that is primarily for students majoring in engineering, mathematics, technology, and most physical sciences. The course is a study of multivariable calculus. Topics include vector valued functions, partial derivatives, multiple integration, Green's Theorem, Stokes' Theorem and the Divergence Theorem.

MATH 023 Differential Equations **4.0 Units**

C-ID: MATH 240
*Prerequisite**: MATH C2220*
Transferable to UC/CSU
General Education: Cal-GETC: Area 2
Hours: 48-54 lecture, 48-54 lab

An introduction to solving ordinary differential equations and understanding the conditions under which solutions exist for a differential equation and whether a solution is unique. Solution methods include basic techniques as well as power series methods, numerical methods and use of LaPlace transforms. Applications to engineering, physics, and chemistry will also be presented as well as an introduction to systems of differential equations.

*C-ID Designation may change periodically visit c-id.net/courses/search for current designation or consult with your **counselor***
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Course Inactivations

THEA 011 Theatre History 2
MUSC 026 Vocal Jazz Ensemble
MUSC 024 Masterworks Chorale
MUSC 023 Handbell Ensemble
MUSC 015 Stage Band
MUSC 014 Jazz Ensemble
MUSC 009 Wind Ensemble
MUSC 004 Music Theory IV
SOC 049 Sociology Honors
ART 100 Drawing: Color and Mixed Media
ART 049 Studio Art Honors
ART 019B Figure Drawing and Painting – Clothed
AERO 151 FAA Special Projects – Powerplant Enhancement
AERO 150 FAA Special Projects – Airframe Enhancement
CJ 070A Forensic Crime Scene Investigation – Basic
CJ 070B Forensic Crime Scene Investigation – Advanced
CJ 080 The Criminal Justice System Viewed Through a Multi-Cultural Lens