

# COMMUNITY COLLEGE OF DENVER

## Addendum to the 2023-2024 Online and Printed Catalog

This addendum is an integral part of the college's 2023-2024 Academic Catalog; the purpose of this document is to amend current information or include additional information. The information published herein is effective for the 2023-2024 school year. If any of these changes impact a student's ability to graduate, please contact the dean for the area in question.

### Course Additions

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#### **AEC 1120- Themes in Architectural History**

Credits: 3 credit lecture

Course Description: Examines the history of building culture emphasizing environmental conditions, resources, and social factors that influence the development of architectural form. This course explores historical works of architecture and urban form to analyze trends and common responses to recurring issues of environmental design.

#### **AEC 1500- Building Science**

Credits: 3 credit LLB

Course Description: Surveys the complex interrelationships among the technical determinants of site context, climate, human well-being, occupant safety, energy flows, and building assembly concepts addressed in architectural design. This course explores how design decisions are made to support resource sustainability, health and safety, resiliency, and energy efficiency.

#### **AEC 1501- Building Structures**

Credits: 3 credit LLB

Course Description: Connects the essential architectural characteristics and properties of major building materials to their structural behavior through both conceptual and calculated examination. This course investigates their methods of application in common contemporary architectural structural systems.

Prerequisites: AEC 1500 with a grade of C or better

#### **AEC 1502- Building Detailing**

Credits: 3 credit LLB

Course Description: Explores the process of designing assemblies of architectural materials and components into constructible, sustainable, and durable buildings. This course emphasizes the development and application of freehand, scaled-drawing skills.

Prerequisites: AEC 1500 with a grade of C or better

#### **AEC 2220- Architectural Graphics**

Credits: 3 credit LLB

Course Description: Introduces graphic concepts to architectural students and develops graphic design techniques and rendering using pencil, ink, and color media. Both freehand and mechanical methods are stressed. Student will be able to produce architectural presentations.

#### **AEC 2221- Architectural Visualization Concepts**

Credits: 3 credit LLB

Course Description: Explores approaches for communicating design intentions, originating in hand-drawn, two-dimensional (2D), and Building Information Modeling (BIM) applications. This course uses multiple approaches to

architectural drawing and may include rendering software, mixed-media techniques, and principles of presentation format design and composition.

Prerequisites: AEC 2220 and CAD 1115, CAD 2220 or CAD 1110 with a grade of C or better or Chair Permission

### **EGG 2030- Mechanics of Solids**

Credits: 3 credit lecture

Course Description: Uses forces and torque to determine stress and strain on objects. This course includes bending moments, shear forces, deflection in beams, deformations in structural members, and stress transformation.

Prerequisites: EGG 2011 with a grade of C or better

### **ENG 0095- Studio 1021 for Multilingual Learners**

Credits: 3 credit lecture

Course Description: Supports multilingual learners in reading, writing, and language acquisition strategies tailored to pair with English Composition coursework.

Co-requisite: ENG 1021

## **Course Removals**

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### **CHI 1001 - Conversational Chinese I**

Lecture Credit: 3

Introduces beginning students to conversational Chinese and focuses on understanding and speaking Chinese. Covers basic vocabulary, grammar, and expressions that are used in daily situations and in travel.

### **CHI 1002- Conversational Chinese II**

Lecture Credit: 3

Continues the sequence for students who wish to understand and speak Chinese. Covers basic conversational patterns, expressions, and grammar.

Prerequisite: CHI 1001 with a grade of C or better

### **CHI 1011- Chinese Language I**

Lecture Credit: 5

Focuses on the development of functional proficiency in listening, speaking, reading and writing the Chinese language. Note: The order of the topics and methodology varies according to individual texts and instructors.

### **CHI 1012- Chinese Language II**

Lecture Credit: 5

Continues Chinese Language I in the development of functional proficiency in listening, speaking, reading and writing the Chinese language. Note: The order of the topics and the methodology will vary according to individual texts and instructors.

Prerequisite: CHI 1011 with a grade of C or better

### **CHI 2011- Chinese Language III**

Lecture Credit: 3

Focuses on the further development of functional proficiency in listening, speaking, reading and writing the Chinese language

Prerequisite: CHI 1012 with a grade of C or better

### **CHI 2012- Chinese Language IV**

Lecture Credit: 3

Focuses on the further development of functional proficiency in listening, speaking, reading and writing the Chinese language. A continuation of Chinese III.

### **CHI 2075- Special Topics**

Provides students with a vehicle to pursue in depth exploration of special topics of interest.

Note: Special topics courses range from 0-12 credits and vary in learning type. Please see your program chair for more information about your options.

### **CHI 2085- Independent Study**

Independent Study Credit: 0-12

Meets the individual needs of students. Students engage in intensive study or research under the direction of a qualified instructor.

### **DAN 1005- Hip Hop Dance I**

Lab Credit: 1

Introduces basic concepts and skills of hip hop and how it is fused with athleticism. This course will cover the progression of the hip hop dance genre beginning with foundational hip hop vocabulary. The history and culture of this genre are examined. This is a beginning level course.

### **DAN 1006- Hip Hop Dance II**

Lab Credit: 1

Includes a continuing study of hip hop dance movement and cultural concepts and focuses on advancing technique work and proficiency. This course expands and deepens understanding of vocabulary, choreography, styles of the dance, history, and current trends.

### **DIT 1021- Nutrition for Dietary Managers**

Lecture Credit: 4

Focuses on the study of normal nutrition in the individual, nutrition education, nutritional assessment, care plans, principles of therapeutic nutrition, diet modification, and quality assurance for clinical nutrition services. This course is part of the Association of Nutrition and Foodservice Professionals accredited training program for the Certified Dietary Manager, Certified Food Protection Professional (CDM, CFPP).

### **DIT 1023- Management for Dietary Managers**

Lecture Credit: 4

Focuses on the study of foodservice, sanitation and safety, personnel and communications, and business operations required to manage a foodservice department located in continuous care retirement communities, long-term care facilities, hospitals, schools, and correctional institutions. This course is part of the Association of Nutrition and Foodservice Professionals accredited training program for the Certified Dietary Manager, Certified Food Protection Professional (CDM, CFPP).

### **DIT 1080- Field Experience: Nutrition**

Internship Credit: 2

Offers field experience in the study and application of nutrition therapy through modified diets, nutrition screening and nutrition assessments. This course is part of the Association of Nutrition and Foodservice Professionals accredited training program for the Certified Dietary Manager, Certified Food Protection Professional (CDM, CFPP).

### **DIT 1081- Field Experience: Human Resources Management**

Internship Credit: 1

Offers field experience in the study and application of personnel management, policies, and evaluation and communication within a foodservice department. This course is part of the Association of Nutrition and Foodservice

Professionals accredited training program for the Certified Dietary Manager, Certified Food Protection Professional (CDM, CFPP).

### **DIT 1082- Field Experience: Sanitation and Management of Food Systems**

Internship Credit: 1

Offers field experience in the study and application of sanitation principles, food protection, Hazard Analysis and Critical Control Point (HACCP) guidelines, and safety inspections of food preparation equipment and use by employees to meet regulatory guidelines in a foodservice department. This course is part of the Association of Nutrition and Foodservice Professionals accredited training program for the Certified Dietary Manager, Certified Food Protection Professional (CDM, CFPP).

### **ENT 2075 | Special Topics**

Allows flexible utilization and covers specific topics and current issues in the Engineering Technology field. Includes "as-needed" for credit appropriate to the topic(s) selected. Each individual offering of this course includes a complete description of the topic(s) selected in a course syllabus unique to that particular offering.

Prerequisite: This course may require prerequisites or permission of instructor

Note: *Special topics courses range from 0-12 credits and vary in learning type. Please see your program chair for more information about your options.*

### **GIS 1005- ArcView GIS**

Lecture Credit: 3

Introduces the fundamentals of GIS including cartographic principles, hardware, and software requirements, raster, and vector data structures, and data sources, accuracy, and acquisition, spatial data databases and spatial analysis. Hands-on experience with vector data utilizing ArcView software includes use of map scales, coordinate systems, determining spatial relationships, map features and attributes, map overlays, and basic operations with databases. Student will learn to create charts and graphs and full map layouts. A final project is required

### **GIS 1031- Global Positioning Systems for Global Information Systems**

Lecture Credit: 3

Introduces the terminology, hardware, and technological principles of GPS. Students will receive an introduction in the fundamentals of using a basic hand-held GPS unit. Data will be integrated with pre-existing spatial data. Fundamentals of mapping and map reading will be covered. Garmin GPS units will be used initially, followed with Trimble GeoExplorers and Pathfinder Office software. Final student projects integrate GPS data within ArcView projects.

### **OSH 1301- 30HR OSHA Voluntary Compliance**

Lecture Credit: 3

Provides a 30-Hour OSHA certification course for general industry. Participants will review the current OSHA standards contained in 29 CFR 1910 and participants that complete the course will receive a certificate of completion from the United States Department of Labor, Occupational Safety and Health Administration. The course is taught by instructors certified by the Occupational Safety and Health Administration.

## **Program Additions**

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### **Associate of Engineering Science (AES)- Colorado School of Mines Transfer**

FIRST SEMESTER

MAT 2410- Calculus I: GT-MA1- 5 credits

EGT 1110- IDEA: Introduction to Design and Engineering Applications- 3 credits

ENG 1031- Technical Writing I: GT-CO1- 3 credits

ECO 2001- Principles of Macroeconomics: GT-SS1- 3 credits

Subtotal:14 credits

SECOND SEMESTER

MAT 2420- Calculus II: GT-MA1- 5 credits  
PHY 2111- Physics Calculus Based I with Lab: GT-SC1- 5 credits  
HIS 2015- 20th Century World History: GT-HI1- 3 credits  
PHI 2018- Environmental Ethics: GT-AH3- 3 credits  
Subtotal: 16 credits

THIRD SEMESTER

MAT 2431- Calculus III with Engineer Applications: GT-MA1- 5 credits  
PHY 2112- Physics Calculus-Based II with Lab: GT-SC1- 5 credits  
CHE 1111- General College Chemistry I with Lab: GT-SC1- 5 credits  
Subtotal: 15 credits

FOURTH SEMESTER

MAT 2562- Differential Equations with Linear Algebra- 4 credits  
CHE 1112- General College Chemistry II with Lab: GT-SC1- 5 credits  
CSC 1060- Computer Science I: (Language)- 4 credits  
PED 9050- Physical Education- 2 credits  
Subtotal: 15 credits  
Program Total Credits: 60

**Associate of Engineering Science (AES)- Mechanical Engineering- Colorado State University (CSU) Track**

FIRST SEMESTER

MAT 2410- Calculus I: GT-MA1- 5 credits  
EGT 1110- IDEA: Introduction to Design and Engineering Applications- 3 credits  
ENG 1031- Technical Writing I: GT-CO1- 3 credits  
ECO 2001- Principles of Macroeconomics: GT-SS1-3 credits  
CAD 2455- SolidWorks/Mechanical- 3 credits  
Subtotal: 17 credits

SECOND SEMESTER

MAT 2420- Calculus II: GT-MA1- 5 credits  
PHY 2111- Physics Calculus Based I with Lab: GT-SC1- 5 credits  
EGG 1060- Introduction to Engineering Computing- 4 credits  
EGG 2011- Engr Mechanics I – Statics- 3 credits  
Subtotal:17 credits

THIRD SEMESTER

MAT 2431- Calculus III with Engineer Applications: GT-MA1- 5 credits  
PHY 2112- Physics Calculus-Based II with Lab: GT-SC1- 5 credits  
EGG 2012- Engineering Mechanics II (Dynamics)- 3 credits  
PHI 2018- Environmental Ethics: GT-AH3- 3 credits  
Subtotal:16 credits

FOURTH SEMESTER

MAT 2562- Differential Equations with Linear Algebra- 4 credits  
CHE 1111- General College Chemistry I with Lab: GT-SC1- 5 credits

EGG 1050- Engineering Data Analysis- 1 credit  
EGG 1051- Experimental Design- 2 credits  
ENG 1022- English Composition II: GT-CO2- 3 credits  
Subtotal:15 credits  
Program Total Credits: 65

### **Program Revisions**

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#### **Communication AA**

Within the third semester, an additional GT-SC2 elective option of GEO 1060: Global Climate Change (3 credits). No change to required courses.

Total credits: 60

#### **Journalism AA**

Within the third semester, an additional GT-SC2 elective option of GEO 1060: Global Climate Change (3 credits). No change to required courses.

Total credits: 60

### **Revised Catalog Sections**

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Removal of First Year Experience (FYE) course options from all programs.