



## 2020-2021 Catalog

### Addenda/Errata

### Revised August 2020

The following is added to/replaces information listed on pages 22-23:

## Registration

With the exception of Special-Admit High School students, all students receive an appointment to register online using the San Diego Community College District's online registration system. Special-Admit High School students must enroll in-person on or after their assigned enrollment date.

With the exception of Special-Admit High School students, all students receive a registration appointment. Students can enroll in classes on or after this date and time within the San Diego Community College District's online registration system, mySDCCD. Special Part-Time High School students must complete the Supplemental Application for High School Students online, instructions can be found here:

<https://www.sdccd.edu/future-students/high-school-students.aspx>

By using the combined schedule of classes and the online registration system, a student can enroll in any available course offered at ECC, City, Mesa, or Miramar Colleges. Instructions for the class schedule and online registration are available on campus and on the web at:

<http://classschedule.sdccd.edu/>.

The online services that are offered include:

- Enrollment – add, drop & withdraw from classes
- View the student's class schedule and payment deadlines
- Pay fees and view payment records
- Purchase a parking permit

- Purchase an Associated Students Membership
- Wait List activities – adding, dropping and view Wait List status
- Pass/No Pass grading options
- View Financial Aid
- View attendance hours for tracking classes
- View Milestones (formerly Skill Levels)
- Academic deadlines and calendar

**Note:** You may only access one semester at a time.

The portal also grants access to:

- Grade information
- Academic history
- Petitions to graduate
- Ordering transcripts
- View 1098-T tax information

## Wait List

Students who attempt to register in a class that is closed may select the option to have his/her name placed on a Wait List.

Students may place themselves on a class Wait List before the class start date, if the class is full with a status of 'Wait List'.

After a class has started, students will only be able to add the class with a permission number from the instructor. Students wanting to enroll in an ONLINE course after it has started, must contact the instructor via email if they wish to have their Wait List priority considered. Faculty Directory:

<https://www.sdccd.edu/mysdccd/faculty-directory.aspx>

### Criteria:

- Students may place their name on **only one Wait List** for a specific subject and course number.
- Students must meet course prerequisites to be placed on the Wait List.
- Students who are on a Wait List and later choose to enroll in another class section of the same subject and course number will be required to remove themselves from the Wait Listed class **before they can ADD** the similar class section.

- Students can check their position number on the Wait List on **mySDCCD**.
- Students have the option to remove themselves from the Wait List at any time.
- There is a limit to the number of students allowed on each Wait List.
- When a space becomes available in the Wait Listed class:
  - Wait Listed students will automatically be added to the class if a space becomes available **and they are eligible to enroll**. An email will be sent to students after they have been added to the class. It is the student's responsibility to monitor the payment schedule.
  - When students are **not** eligible to enroll due to a hold or time conflict or a failed requisite, they will be notified of the conflict and will be given three (3) business days, including the day of notification, to resolve the issue. If students do not add their Wait Listed class within the 3-day period, they will be removed from the Wait List.
- It is the student's responsibility to check their email or **mySDCCD** for the status of their Wait Listed class(es) in order to pay fees in a timely manner. (Fees will need to be paid immediately, prior to the class start date and before the drop for non-payment date.)
- ~~Students remaining on the Wait List after classes begin MUST attend the first class meeting (and be on time) to have their Wait List priority considered by the instructor.~~
- Students remaining on the Wait List after classes begin MUST attend the first class meeting (or email their Online Instructor) to have their Wait List priority considered by the instructor.
- ~~Students enrolled in SDCCD Online courses must contact the instructor on the first day of class via email if they wish to have their Wait List priority considered.~~

**The following is added to/replaces information listed on page 43:**

## Experimental Site Provisions

Effective with the 2017–2018 school year, San Diego City College, San Diego Mesa College, and San

Diego Miramar College have been approved by the U.S. Department of Education to participate in an experimental initiative regarding “over-borrowing” that will require a group of students to complete additional loan counseling before loan funds can be disbursed to the student.

Effective the 2017–2018 school year and onward, SDCCD (City, Mesa, and Miramar) has been approved by the U.S. Department of Education to participate in an experimental initiative to request certain borrowers to complete additional loan counseling.

Additional loan counseling will provide:

- Positive, influential decision-making about borrowing
- Promote successful repayment of student loan including reducing delinquency and defaults
- Have a positive impact on students' academic performance (e.g., grades and time-to-completion)

### Random Assignment Process:

An institution's eligible undergraduate Direct Loan borrowers who previously completed entrance counseling will be included in the experiment. Approximately one-half of those borrowers will be randomly assigned to:

- A treatment group where the borrowers will be required to complete additional counseling, or
- A control group where the borrowers will not be required to complete additional counseling

Information for students in both the treatment and control groups will be reported to the Department.

**The following is added to information listed on pages 106-107, section A2 of the General Education listing:**

## A. Language and Rationality

*A minimum of three semester units, or four quarter units, must be completed. Choose one course from the following:*

### 1. English Composition

ENGL 101	Reading and Composition (C,M,MMR)
ENGL 105	Composition and Literature (C,M,MMR)
ENGL 205	Critical Thinking and Intermediate Composition (C,M,MMR)

*A minimum of three semester units, or four quarter*

units, must be completed. Choose one course from the following:

## 2. Communication and Analytical Thinking

BIOL 200	Biological Statistics (M)	MATH 118	A Survey of Modern Mathematics (C,M,MMR)
BUSE 101	Business Mathematics (C,M,MMR)	MATH 119	Elementary Statistics (C,M,MMR)
BUSE 115	Statistics for Business (C,M,MMR)	MATH 121	Basic Techniques of Applied Calculus I (C,M,MMR)
CISC 150	Introduction to Computer and Information Sciences (C,M)	MATH 122	Basic Techniques of Calculus II (C,M,MMR)
CISC 181	Principles of Information Systems (C,M,MMR)	MATH 141	Precalculus (C,M,MMR)
CISC 246	Discrete Mathematics for Computer Science (M,MMR)	MATH 150	Calculus with Analytic Geometry I (C,M,MMR)
COMS 99	Voice and Diction for Non-Native Speakers of English (C,MMR)	MATH 151	Calculus with Analytic Geometry II (C,M,MMR)
COMS 101	Voice and Articulation (C,M)	MATH 210A	Concepts of Elementary School Mathematics I (C,M)
COMS 103	Oral Communication (C,M,MMR)	MATH 210B	Concepts of Elementary School Mathematics II (C,M)
COMS 135	Interpersonal Communication (C,M,MMR)	MATH 245	Discrete Mathematics (C,M,MMR)
COMS 160	Argumentation (C,M,MMR)	MATH 252	Calculus with Analytic Geometry III (C,M,MMR)
COMS 170	Small Group Communication (C,M,MMR)	MATH 254	Introduction to Linear Algebra (C,M,MMR)
^ COMS 180	Intercultural Communication (C,M,MMR)	MATH 255	Differential Equations (C,M,MMR)
GISG 104	Geographic Information Science and Spatial Reasoning (C,M)	PHIL 100	Logic and Critical Thinking (C,M,MMR)
HIST 205	Methodology and Practice in History (M)	PHIL 101	Symbolic Logic (C,M,MMR)
MATH 57A	Beginning Algebra and Practical Descriptive Statistics (C,MMR)	* PHIL 205	Critical Thinking and Writing in Philosophy (C,M,MMR)
MATH 59	Explorations in Foundations of Math (C)	<b>POLI 201</b>	<b>Elementary Statistics for Political Science (C,M)</b>
MATH 84	Practical Geometry (M)	PSYC 258	Behavioral Science Statistics (C,M,MMR)
MATH 85	Practical Career Mathematics (C,M)		
MATH 92	Applied Beginning and Intermediate Algebra (C,M,MMR)		
MATH 96	Intermediate Algebra and Geometry (C,M,MMR)		
MATH 98	Technical Intermediate Algebra and Geometry (C)		
MATH 104	Trigonometry (C,M,MMR)		
MATH 107	Introduction to Scientific Programming (C)		
MATH 107L	Introduction to Scientific Programming Lab (C)		
MATH 109	Explorations in Mathematical Analysis (C)		
MATH 115	Gateway to Experimental Statistics (C,MMR)		
MATH 116	College and Matrix Algebra (C,M,MMR)		

## New Awards:

### Certificate of Achievement: C++

The goal of the Certificate of Achievement in C++ is to prepare students for entry-level employment in the field of Information Technology.

The emphasis of the Certificate of Achievement in C++ is designed to provide students with training in the theory and practice of computer programming emphasizing business and computer applications using C++. Students receive hands-on experience in the fundamentals of structured- and object-oriented analysis, design, and implementation using the computer programming language C++.

#### Award Notes:

Students who successfully complete the Certificate of Achievement in C++ will be able to:

- Effectively design and implement programming constructs, including functions, control structures, arrays/lists, classes, and objects for a given programming problem; and
- Effectively implement the appropriate data structures using the principles and techniques of object-oriented programming for a given programming problem.

### Career Options

After successful completion of the Certificate of Achievement in C++, employment possibilities include: Software Developers, Applications; Software Developers, Systems Software; Computer Programmers; and Web Developers.

Courses Required for the Major:		Units
CISC 187	Data Structures in C++	4
CISC 192	C/C++ Programming	4
CISC 201	Advanced C++ Programming	4
CISC 205	Object Oriented Programming using C++	4
<b>Total Units = 16</b>		

**Note:** The Computer Information Systems Department requires students to complete all course requirements for the certificate within five years.

## Certificate of Achievement: Energy Analysis and Consultation

The Associate of Science in Energy Analysis and Consultation provides students with a comprehensive education in energy retrofits, green building construction, and building operations. This curriculum prepares students for a career in the clean energy industry specific to the built environment. This course of study covers topics ranging from energy auditing, energy efficiency, solar energy retrofits, green construction, HVAC integration, and zero-net energy design. This pathway includes preparation for industry-recognized certifications geared towards leading businesses in the energy efficiency and renewable energy industry.

### Career Options

Some careers in energy and geo-environmental engineering require education beyond the associate degree and some require a graduate degree. This is not a comprehensive list but some of the most common career options with a degree in energy and geo-environmental engineering include: energy consultant, energy manager, energy auditor, building analyst, green HVAC/R professionals, envelope professionals, solar energy installation managers, solar photovoltaic installer, and weatherization installers and technicians, and various other green careers.

Courses Required for the Major:		Units
EGEE 50	Building Science Principles	3
EGEE 55	Air Quality Management and Systems	3
EGEE 70	Energy Industry Principles	3
EGEE 72	Energy Conservation Strategies	3
EGEE 78	Solar Electric Systems	3
EGEE 80	Energy Storage	3
EGEE 85	Energy Standard Practice	3
EGEE 98	Energy Service Entrepreneurship	3
<b>Total Units = 24</b>		

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<b>Courses Required for the Major:</b>		<b>Units</b>
EGEE 50	Building Science Principles	3
EGEE 55	Air Quality Management and Systems	3
EGEE 70	Energy Industry Principles	3
EGEE 72	Energy Conservation Strategies	3
EGEE 78	Solar Electric Systems	3
EGEE 80	Energy Storage	3
EGEE 85	Energy Standard Practice	3
EGEE 98	Energy Service Entrepreneurship	3
<b>Total Units = 24</b>		