SAN DIEGO COMMUNITY COLLEGE DISTRICT

CITY COLLEGE • MESA COLLEGE • MIRAMAR COLLEGE • CONTINUING EDUCATION

The following curriculum changes are proposed for the San Diego Community College District for City College, Mesa College, Miramar College, or Continuing Education. There is no additional cost to the District.

New Programs

San Diego City College

1. **Web Application Development, Certificate of Performance**
   Attention is placed on the theory and practice of computer programming emphasizing business and computer applications. Students receive hands-on experience in the fundamentals of designing and developing dynamic website using the Ruby on Rails programming language.

   Justification:
   Students who successfully complete this award will be able to develop and maintain a dynamic website; and work with server-side and client-side database applications.

   Labor Market Information:

   ### Occupational Projection of Employment 2016– 2026 in San Diego County

Occupation	Employment		Employment Change		Annual Avg Openings
	Estimated	Projected	Number	Percent	
Computer Programmers (SOC Code 15-1131)	3,360	3,170	-190	-5.7	184
Web Developers (SOC Code 15-1134)	2,550	3,040	490	19.2	242
Computer and Information Systems Managers (SOC Code 11-3021)	4,110	4,660	550	13.4	371

   Source: https://www.labormarketinfo.edd.ca.gov/cgi/databrowsing/occExplorerQSSelection.asp?

San Diego Mesa College

1. **Spanish for Spanish Speakers, Associate of Arts**
   This degree is intended for students who are already proficient in spoken, informal Spanish acquired from their family background.

   Justification:
   Program provides training in the fundamental skills of understanding, speaking, reading and writing the language, and increases one's familiarity with the Spanish language. From a vocational standpoint, the curriculum will provide a student with skills useful in

translating, interpreting, teaching, linguistic or literary research, music, foreign trade, or missionary work.

San Diego Continuing Education

1. **Baking and Pastry I, Certificate of Completion**
   This program provides career readiness skills in the baking and pastry arts. Students will be exposed to the fundamentals of bakeshop product identification, ingredients, and industry techniques. Students will explore the basic culinary skills in the baking industry from baking theory and techniques to hands-on production techniques used in working kitchens and bakeries. Products produced include cookies, pies, tarts, dessert sauces, custards and frozen desserts before ending with artisanal bread production, such as yeasted, non-yeasted, and laminated doughs. Students will gain an understanding of soft skills such as interpersonal skills, conflict resolution, time management, organizational skills while working in a culturally rich setting. Upon completion of this program, students will be prepared for gainful employment as an entry-level baker in a commercial bakeshop, restaurant, or starting their own cottage industry business.

   ***Justification*:**
   Upon completion of this program, students will be prepared for gainful employment as an entry-level baker in a commercial bakeshop, restaurant, or starting their own cottage industry business.

   Labor Market Information:

   Occupational Projection of Employment 2018– 2023 in San Diego County

Occupation	Employment		Employment Change		Annual Avg Openings
	Estimated	Projected	Number	Percent	
Chefs and Head Cooks (SOC Code 35-1011)	1,832	1,962	130	7.1%	260

   Source: Centers of Excellence LMI data projections 2018-2023, http://www.coeccc.net/Supply-and-Demand.aspx

2. **Baking and Pastry Arts II, Certificate of Completion**
   This program provides career readiness skills in the baking and pastry arts. Students will be exposed to advanced pastry and cake production, as well as chocolate and sugar confectionary work. Students will explore the advanced culinary skills in the baking industry from baking and pastry theory and techniques to hands-on production techniques used in working kitchens, bakeries, and confectionary shops. Products produced include American-style cakes, European tortes, frostings, fillings, decoration mediums, mini pastries, and petit fours before ending with meringues and confections,

both chocolate and sugar. Students will also gain an understanding of mass production for buffet pastry items, display techniques, and confectionary showpieces. Upon completion of this program, students will be prepared for gainful employment as an entry- to-intermediate level baker, chocolatier, confectioner, and artisanal cake designer in a commercial bakeshop, restaurant, hotel, boutique confectionary store, or starting their own cottage industry business.

***Justification*:**
Upon completion of this program, students will be prepared for gainful employment as an entry-level baker in a commercial bakeshop, restaurant, or starting their own cottage industry business.

Labor Market Information:

Occupational Projection of Employment 2018– 2023 in San Diego County

Occupation	Employment		Employment Change		Annual Avg Openings
	Estimated	Projected	Number	Percent	
Chefs and Head Cooks (SOC Code 35-1011)	1,832	1,962	130	7.1%	260

Source: Centers of Excellence LMI data projections 2018-2023, http://www.coeccc.net/Supply-and-Demand.aspx

3. **Culinary Nutrition, Certificate of Completion**
   This program provides career readiness skills in the field of nutrition science and meal planning. Students will be exposed to the fundamentals of nutrition principles, scientific concepts, food safety, and bodily processes. Students will learn basic nutrition principles and explore how to apply these in a variety pf dishes in order to retain maximum nutrient retention. Topics covered in the program will include national nutrition standards, cultural dietary habits, personal wellness, recipe development, seasonality, and health coaching techniques, menu planning costing, and menu production in a laboratory setting. Students will gain an understanding of soft skills such as interpersonal skills, conflict resolution, time management, organizational skills while working in a culturally rich setting. Upon completion of this program, students will be prepared for gainful employment as a personal or private chef that specializes in dietary food plans or starting their own cottage industry business.

***Justification*:**
Upon completion of this program, students will be prepared for gainful employment as a personal or private chef that specializes in dietary food plans or starting their own cottage industry business.

Labor Market Information:

Occupational Projection of Employment 2018– 2023 in San Diego County

Occupation	Employment		Employment Change		Annual Avg Openings
	Estimated	Projected	Number	Percent	
Dietetic Technicians (SOC Code 29-2051)	350	375	25	7.1%	33

Source: Centers of Excellence LMI data projections 2018-2023, http://www.coeccc.net/Supply-and-Demand.aspx

4. **Introduction to Hospitality & Food Industry, Certificate of Completion**
This program introduces the hospitality industry and prepares students for academic and professional success in the hospitality industry. Students will gain knowledge of industry terminology, a retrospective of early to current cuisines and industry trends, and the major labor market segments. Students will learn skills to develop self-discipline and empathy, self- management, and self-awareness. Students will also gain an understanding of effectual communication, financial literacy, employability skills, study skills and soft skills that apply to both the classroom and work environment. Students who successfully complete the program will be prepared to enter the hospitality industry in positions such as prep cook and other entry-level positions in the industry.

Justification:
Students who successfully complete the program will be prepared to enter the hospitality industry in positions such as prep cook and other entry-level positions in the industry.

Labor Market Information:
Occupational Projection of Employment 2018– 2023 in San Diego County

Occupation	Employment		Employment Change		Annual Avg Openings
	Estimated	Projected	Number	Percent	
Cooks, Restaurant (SOC Code 35-2014)	15,926	17,241	1,315	9.3%	2,580

Source: Centers of Excellence LMI data projections 2018-2023, http://www.coeccc.net/Supply-and-Demand.aspx

Program Deactivations

San Diego City College

1. **Amazon Web Services (AWS) Cloud Technician II, Certificate of Achievement**
   Justification: This degree is no longer offered.

2. **Construction Electronic Systems Technician Apprenticeship, Associate of Science**
   Justification: This degree is no longer offered.

3. **Construction Electronic Systems Technician Apprenticeship, Certificate of Achievement**
   Justification: This degree is no longer offered.

4. **Electrical Apprenticeship, Associate of Science**
   Justification: This degree is no longer offered.

5. **Electrical Apprenticeship, Certificate of Achievement**
   Justification: This degree is no longer offered.

6. **Electrical Trade Option (Non-apprentice), Associate of Science**
   Justification: This degree is no longer offered.

7. **Electrical Trade Option (Non-apprentice), Certificate of Achievement**
   Justification: This degree is no longer offered.

8. **Electromechanical Engineering Technology, Associate of Science**
   Justification: This certificate is no longer offered.

9. **Global Development Studies, Certificate of Performance**
   Justification: This certificate is no longer offered.

![San Diego Community College District logo]

SAN DIEGO COMMUNITY COLLEGE DISTRICT

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Program Revisions

San Diego City College

1. **Anthropology, Associate of Arts**
   Changes
   - i. Remove ANTH 215 from Restricted Electives

2. **Child Development: Associate Teacher, Certificate of Achievement**
   Changes
   - i. Add CHIL 100 to Courses Required for the Major
   - ii. Remove CHIL 111/121/153/161/ 291 from Restricted Electives
   - iii. Decrease total units from 18-19 units to 17 units

3. **Child Development: Master Teacher, Certificate of Achievement**
   Changes
   - i. Remove CHIL 151/155/270 from Courses Required for the Major
   - ii. Add CHIL 100/133/135/275 to Courses Required for the Major
   - iii. Remove CHIL 111/121/133/135/152/162/165 from Restricted Electives
   - iv. Add EDUC 200/203, MATH 210B/212 to Restricted Electives
   - v. Decrease total units from 36-40 units to 28-31 units

4. **Child Development: Teacher, Certificate of Achievement**
   Changes
   - i. Remove CHIL 151/155/270 from Courses Required for the Major
   - ii. Add CHIL 100/133/135/166/175 to Courses Required for the Major
   - iii. Remove CHIL 111/121/133/135/165/175 from Restricted Electives
   - iv. Add CHIL 162 to Restricted Electives
   - v. Decrease total units from 27-30 units to 26-27 units

5. **Computer Programming, Certificate of Achievement**
   Changes
   - i. Add CISC 183/193 to Courses Required for the Major
   - ii. Increase total units from 24 units to 28 units

6. **Early Care and Education, Associate of Science**
   Changes
   - i. Remove CHIL 155 from Courses Required for the Major
   - ii. Add CHIL 100/133/135/160/166/275 to Courses Required for the Major
   - iii. Remove CHIL 111/121/133/135/160/165/175 from Restricted Electives
   - iv. Add CHIL 291A/291B/291C/291D to Restricted Electives
   - v. Increase total units from 26-30 units to 30-33 units

7. **Liberal Arts and Sciences: Elementary (Multiple Subject) Teaching Preparation, Associate of Arts**
   Changes
       i.   Remove AMSL 116 from Courses Required for the Major
       ii. Add AMSL 121 to Courses Required for the Major

8. **Liberal Arts and Sciences: Language Arts and Humanities, Associate of Arts**
   Changes
       i.   Remove AMSL 115/116/215/216 and JOUR 200/201/202/205/206/210A/ 210B/210C/210D from Courses Required for the Major
       ii. Add AMSL 120/121/220/221, DJRN 100/200/201/205/210/211/212/213/ 215, and MATH 109 to Courses Required for the Major

9. **Liberal Arts and Sciences: Visual and Performing Arts, Associate of Arts**
   Changes
       i.   Remove PHOT 102 from Courses Required for the Major
       ii. Add ARTF 104/174A, MUSI 103/150A/190/202/204, and PHOT 102A to Courses Required for the Major

10. **Technical Theatre, Certificate of Achievement**
    Changes
        i.   Add DRAM 153 to Courses Required for the Major

San Diego Mesa College

1. **American Sign Language Studies, Associate of Arts**
   Changes
       i.   Remove AMSL 115/115L/116/116L/215/215L/216/216L from Courses Required for the Major
       ii. Add AMSL 120/121/220/221 to Courses Required for the Major

2. **American Sign Language Studies, Certificate of Achievement**
   Changes
       i.   Remove AMSL 115/115L/116/116L/215/215L/216/216L from Courses Required for the Major
       ii. Add AMSL 120/121/220/221 to Courses Required for the Major

3. **Honors Global Competencies, Certificate of Achievement**
   Changes
   - i. Add HIST 205 to Courses Required for the Major
   - ii. Remove LATI 101/102/201, TAGA 101/102/201, and AMSL 115/115L/116/116L from Restricted Electives
   - iii. Add AMSL 120/121 to Restricted Electives

4. **Spanish, Associate of Arts**
   Changes
   - i. Remove SPAN 215/216 from Courses Required for the Major

San Diego Miramar College

1. **Art/Visual Studies, Associate of Arts**
   Changes
   - i. Remove ARTF 150B from Restricted Electives
   - ii. Add GRFX 110 to Restricted Electives

2. **Aviation Business Administration, Associate of Science**
   Changes
   - i. Remove BUSE 205 from Restricted Electives

3. **Aviation Operations Management, Certificate of Achievement**
   Changes
   - i. Remove BUSE 205 from Restricted Electives

4. **Combined Drawing/Painting, Associate of Arts**
   Changes
   - i. Add ARTF 170A to Restricted Electives

5. **Craft Skills, Certificate of Performance**
   Changes
   - i. Remove ARTF 290 from Courses Required for the Major
   - ii. Add ARTF 150A/151 to Courses Required for the Major
   - iii. Increase total units from 10-12 units to 15 units

6. **Graphics-Visual Production, Certificate of Performance**
   <u>Changes</u>
   - i. Remove ARTF 150B and ARTG 106 from Courses Required for the Major
   - ii. Add GRFX 110/120 to Courses Required for the Major

7. **Professional Aeronautics, Associate of Science**
   <u>Changes</u>
   - i. Remove BUSE 205 from Restricted Electives

8. **Studio Arts, Associate of Arts**
   <u>Changes</u>
   - i. Remove ARTF 150B/220A from Courses Required for the Major
   - ii. Add GRFX 110 to Courses Required for the Major

New Courses	**Units**

San Diego City College

DRAM 153 —Intermediate Costuming	3 Units
PHOT 102B —Directed Darkroom Studies II	1 Units
PHOT 102C —Directed Darkroom Studies III	1 Units
PHOT 102D —Directed Darkroom Studies IV	1 Units

San Diego Mesa College

MUSI 114 —Music of The Beatles	3 Units
MUSI 126 —Rap Music and Hip Hop Culture	3 Units
MUSI 131 —Music of California	3 Units

San Diego Miramar College

GRFX 110 — Introduction to Producing Computer-aided Graphics	3 Units
GRFX 120 — Typography - Introduction to Creating Readability	3 Units
GRFX 270 — Graphics Internship / Work Experience	1-4 Units

San Diego City College and San Diego Mesa College

| ENGL —234 Hip Hop Literature: A Poetry Class | 3 Units |

San Diego Continuing Education

FDNT 501 —Intro To Hospitality Careers
FDNT 618 —Nutrition Essentials
FDNT 619 —Meal Planning Essentials
FDNT 661 —Baking & Pastry Essentials
FDNT 662 —Baking and Artisanal Breads
FDNT 663 —Advanced Pastries and Cakes
FDNT 664 —Chocolate & Sugar Confections

Course Deactivations

Justification: The following courses are no longer offered at the college(s).

San Diego City College

CEST 301A —Introduction to Construction Electronic Systems Technician I	3 Units
CEST 301B —Introduction to Construction Electronic Systems Technician II	3 Units
CEST 302A —Intermediate Construction Electronic Systems Technician I	3 Units
CEST 302B —Intermediate Construction Electronic Systems Technician II	3 Units
CEST 303A —Advanced Construction Electronic Systems Technician I	3 Units
CEST 303B —Advanced Construction Electronic Systems Technician II	3 Units
ELEC 160A —Introduction to Electrical Construction I	3 Units
ELEC 160B —Introduction to Electrical Construction II	3 Units
ELEC 165A —Intermediate Electrical Construction I	3 Units
ELEC 165B —Intermediate Electrical Construction II	3 Units
ELEC 170A —Advanced Electrical Construction I	3 Units
ELEC 170B —Advanced Electrical Construction II	3 Units
ELEC 175A —Electrical Construction Specialties I	3 Units
ELEC 175B —Electrical Construction Specialties II	3 Units
ELEC 301A —Introduction to Electrical Apprenticeship I	3 Units
ELEC 301B —Introduction to Electrical Apprenticeship II	3 Units
ELEC 302A —Intermediate Electrical Apprenticeship I	3 Units
ELEC 302B —Intermediate Electrical Apprenticeship II	3 Units
ELEC 303A —Advanced Electrical Apprenticeship I	3 Units
ELEC 303B —Advanced Electrical Apprenticeship II	3 Units
ELEC 304A —Electrical Apprenticeship Specialties I	3 Units
ELEC 304B —Electrical Apprenticeship Specialties II	3 Units

San Diego Mesa College

ACCT 290 —Independent Study	1-3 Units
LATI 101 —First Course in Latin	5 Units
LATI 102 — Second Course in Latin	5 Units
LATI 201—Third Course in Latin	5 Units

San Diego Miramar College

ARTF 296 — Individualized Instruction in Fine Art	0.5-2 Units
POLI 277D —Service Learning in College Governance	1-3 Units

San Diego City College and San Diego Mesa College

AMSL 215L —American Sign Language III (Lab)	1 Units
AMSL 216L — American Sign Language IV (Lab)	1 Units

San Diego City College and San Diego Miramar College

BUSE 296 — Individualized Instruction in Business	0.5-2 Units

San Diego City College, San Diego Mesa College, and San Diego Miramar College

AMSL 115L —American Sign Language I (Lab)	1 Units
AMSL 116L —American Sign Language II (Lab)	1 Units