**Industry Sector:** Hospitality, Tourism, & Recreation (HOS) Pathway: Food Science, Dietetics, & Nutrition (200) Torrance Unified School District (TUSD) Program of Study Grad Social Other Required Courses or Career Technical Occupations, Degrees, & Site **English** Math Science Studies **Recommended Electives Education Course Certificate Programs** 7 English 7 Soc. St. 7 PF Math 7 Science 7 Elective Occupations (High School Diploma) • Cooks (Restaurant, Private, etc) 8 English 8 Math 8 Soc. St. 8 Science 8 PF Life Management First Line Supervisor Bartender Health/Teen R 9 English 1 PΕ Algebra 1 Biology World Lang Option 1 Food Server, Waiter, Waitress R Living 9th: Foods & Nutrition1 Food Preparation Α \*World 10 English 2 Geometry Chemistry World Lang PE 10th: Foods & Nutrition 2 N History Occupations (Training/2-Yr Degree) C English 3 Anatomy & Sous Chef. Chef. or Head Cook 11 Algebra 2 \*US History World Lang Option 2 Physiology Hospitality, Food Service, or AP Comp 11th: Foods & Nutrition1 Kitchen Manager U 12th: Foods & Nutrition 2 \*Enalish 4 12 Math Elective Gov/Econ Fine Art • Dietetic Service Supervisor or AP Lit Nutrition Assistant 1 Yr Fine Arts UC 3 Yrs Req 2 Yrs Req 2 Yrs Req 4 Yrs Rea 2 Yrs Rea Rea CTE is not req for UC/CSU/TUSD Occupations (4-Yr Degree/Higher) 4 Yrs Rec CSU 3 Yrs Rec 3Yrs Rec 1 Yr Elective Req Dietician & Nutritionist Е These CTE courses meet the Food Scientist & Technologist 2 Yrs Rea & 1 Yr Lang or 2 Yrs 1 Sem Health Elective Req. **TUSD** 4 Yrs Req 2 Yrs Req 2 Yrs Req Food Marketing Econ/Gov Fine Art Rea Rea Rea \* Indicates a course that has the option of earning high school credit AND college credit through El Camino Degree Programs (see your high school counselor for details on dual enrollment & articulation) Dietetics & Nutrition Services LBCC Requirements for AA LBCC Requirements for AS Clinical Nutrition **General Education Requirements for LBCC Majors (Plan A)** N Degree in Dietetics/ Nutrition Culinary Arts **Degree in Culinary Arts**  Culinary Science Required Categories for LBCC AS Degree **Dietetics Requirements:** Required Courses: Baking/Pastry Arts English Composition (3 units) Nutrition 20, 21, 224, 225, 227, Business Comm. 222, 262 В Sports Nutrition Communication & Analytical Thinking (3 units) 228, 230AB, 231, 232 Culinary Arts 20, 225, 202, 211. Е Food Science Natural Sciences (3 units) 218, 219, 222AB Α Social Sciences (3 units) **Nutrition Requirements:** C Industry Certifications/Licenses American History (3 units)--AA degree only All courses listed above for Req. 6 Units From: н Offered through TUSD Culinary Arts 215, 216, 217, Political Science (3 units)--AA degree only dietetics AA degree plus: Food Handlers Permit Nutrition 234, 235, 236, 240AB Humanities (3 units) 230 13 PE (1 unit) Offered through Precision Exams Health (3 units) **Recommended Courses:**  Food and Nutrition 1 Mathematics Learn 11 15 Math 825 Food and Nutrition 2 Option 1: Pass the LBCC Math Assessment Test Application Software (COSA) 1 Food and Nutrition 3 Option 2: Pass one approved Math class with a C or better Electives Offered through LBCC Additional units needed to total 60 units Certificate of Achievement in Courses cannot double count in multiple categories Dietetic Service Supervisor. Е Formula Room Tech, & Culinary Meet the Reading & Writing Proficiency Requirements G Meet the Information Competency Requirements Ε Please note, additional courses are needed to meet the UC/CSU Transfer Requirements. See your LBCC counselor for details.

**Industry Sector:** Hospitality, Tourism, & Recreation (HOS) Pathway: Food Science, Dietetics, & Nutrition (200) Torrance Unified School District (TUSD) Program of Study Social Other Required Courses or Career Technical Occupations, Degrees, & Certificate Site Grade English Math **Science Studies Recommended Electives Education Course Programs** Elective PF 7 English 7 Math 7 Soc. St. 7 Science 7 Occupations (High School Diploma) Cooks (Restaurant, Private, etc) PΕ English 8 Math 8 Soc. St. 8 Science 8 Life Management First Line Supervisor R Bartender Health/Teen Living English 1 Algebra 1 Biology World Lang PE Option 1 R Food Server, Waiter, Waitress 9th: Foods & Nutrition1 Α Food Preparation English 2 PF 10th: Foods & Nutrition 2 10 Geometry \*World History Chemistry World Lang N C Occupations (Training/ 2-Yr Degree) English 3 or Anatomy & Algebra 2 \*US History 11 World Lang Sous Chef. Chef. or Head Cook Option 2 AP Comp Physiology Hospitality, Food Service, or 11th: Foods & Nutrition1 U \*English 4 Kitchen Manager 12th:Foods & Nutrition 2 Math Flective Gov/Econ 12 Fine Art N or AP Lit Dietetic Service Supervisor Nutrition Assistant UC 3 Yrs Req 2 Yrs Req 2 Yrs Req 1 Yr Fine Arts Rea CTE is not req for 4 Yrs Req 2 Yrs Req CSU 4 Yrs Rec 3 Yrs Rec 1 Yr Elective Rea 3Yrs Rec UC/CSU/TUSD Occupations (4-Yr Degree/Higher) Ε Dietician & Nutritionist These CTE courses meet 2 Yrs Req & 1 Yr Lang or 2 Yrs D Food Scientist & Technologist TUSD 4 Yrs Req 2 Yrs Req 2 Yrs Req 1 Sem Health Req the Elective Rea. Econ/Gov Fine Art Rea Rea Food Marketing \* Indicates a course that has the option of earning high school credit AND college credit through El Camino Degree Programs (see your high school counselor for details on dual enrollment & articulation) Dietetics & Nutrition Services **General Education Requirements for LAHCC AS Degree LAHCC Requirements for AS Degree in Culinary Arts** Α Clinical Nutrition Required Categories for LAHCC AS Degree Required Courses: Culinary Arts н English Composition (3 units) Semester 1 **Culinary Science** Α Communication & Analytical Thinking (3 units) Culinary Arts 113, 114, 115, 116, 117 Baking/Pastry Arts R Natural Sciences (3 units) Sports Nutrition В Social & Behavioral Sciences (3 units) Semester 2 Food Science American Institutions (3 units) Culinary Arts 123, 124, 125, 126 R Humanities (3 units) Industry Certifications/Licenses PE (1 unit) Semester 3 Offered through TUSD C Health (3 units) Culinary Arts 133, 134, 135, 136 Food Handlers Permit 13 Flectives Т Additional units needed to total 60 units Offered through Precision Exams Y 15 • Courses cannot double count in multiple categories Food and Nutrition 1 Food and Nutrition 2 C Food and Nutrition 3 Offered through LA Harbor College Skills Certificate in Cook Skills Е Skills Certificate in Advanced G Cook Skills Е Certificate of Achievement in Please note, additional courses are needed to meet the UC/CSU Transfer Requirements. See your LAHCC counselor for details. **Culinary Arts** 

Torrance USD Program of Study for HOS Food Science, Dietetics, & Nutrition Pathway 200

Industry Sector: Hospitality, Tourism, & Recreation (HOS)							Pathway: Food Science, Dietetics, & Nutrition (200)			
Torrance Unified School District (TUSD) Program of Study										
Site	Grade	English	Math	Social Studies	Science	Other Required Courses or Recommended Electives			Career Technical Education Course	Occupations, Degrees, & Certificate Programs
TORRANCE UNIFIED	7	English 7	Math 7	Soc. St. 7	Science 7	Elective	PE			Occupations (High School Diploma)     Cooks (Restaurant, Private, etc)     First Line Supervisor     Bartender     Food Server, Waiter, Waitress     Food Preparation  Occupations (Training/2-Yr Degree)     Sous Chef, Chef, or Head Cook     Hospitality, Food Service, or Kitchen Manager     Dietetic Service Supervisor     Nutrition Assistant  Occupations (4-Yr Degree/Higher)     Dietician & Nutritionist     Food Scientist & Technologist     Food Marketing
	8	English 8	Math 8	Soc. St. 8	Science 8		PE		Life Management or Gourmet Cooking	
	9	English 1	Algebra 1		Biology	World Lang	PE	Health/Teen Living	Option 1 9th: Foods & Nutrition1	
	10	English 2	Geometry	*World History	Chemistry	World Lang	PE		10th: Foods & Nutrition 2	
	11	English 3 or AP Comp	Algebra 2	*US History	Anatomy & Physiology	World Lang			Option 2 11th: Foods & Nutrition1	
	12	*English 4 or AP Lit	Math Elective	Gov/Econ				Fine Art	12th: Foods & Nutrition 2	
	UC CSU	4 Yrs Req	3 Yrs Req 4 Yrs Rec	2 Yrs Req	2 Yrs Req 3 Yrs Rec	2 Yrs Req 3Yrs Rec		1 Yr Fine Arts Req 1 Yr Elective Req	CTE is not req for UC/CSU/TUSD	
	TUSD	4 Yrs Req	2 Yrs Req	2 Yrs Req & Econ/Gov	2 Yrs Req	1 Yr Lang or Fine Art Req	2 Yrs Req	1 Sem Health Req	These CTE courses meet the Elective Req.	
	* Indicates a course that has the option of earning high school credit AND college credit through El Camino  (see your high school counselor for details on dual enrollment & articulation)  Degree Programs									
E L C A M I N O C O L L E G E		General Education Requirements for ECC Majors						ECC Transfer Requirements for 4-Yr Nutrition Programs  Dietetics & Nutrition Services Clinical Nutrition		
		There is no degree available in Food Science, Dietetics, & Nutrition at El Camino. Talk with your ECC counselor about the prerequisite courses needed to transfer to the 4-year institution of your choice (see column to right for a few examples).  Required Categories for ECC AS Degree Natural Sciences (3 units) Social and Behavioral Sciences (3 units)					Below are a few colleges with Nutrition programs and the ECC classes you need to transfer.  Cal Poly Pomona:  Reg for All: Chemistry 1AB, CIS 13, Microbiology 33, Nutrition 11. Reg for Dietetics: Physiology 31. Reg for Food Science: Physics 2AB or Physics 3AB, Math 170			Culinary Arts Culinary Science Baking/Pastry Arts Sports Nutrition Food Science  Industry Certifications/Licenses
		Humanities (3	units)	,			CSU Long Beach			Offered through TUSD
	13	Language and Rationality (6 units)  One course from each section: A & B  Health & PE (3 units)  Exemption Options: Pass the Contemporary Health Waiver Exam or obtain approval for the Petition for Military Service Credit.  Mathematics Option 1: Pass the Math Competency Test Option 2: Pass one approved Math class with a C or better Electives					Req for Nutrition/Dietetics: Chemistry 1A, English 1A, Microbiology 33, Physiology 31, Nutrition 11, CIS 13, Psychology 5, Sociology 101. Req for Food Science: Chemistry 1AB, Math 160/161, Microbiology 33, Physics 2A, Physiology 31, Psychology 5			Food Handlers Permit
										Offered through Precision Exams  • Food and Nutrition 1
										<ul><li>Food and Nutrition 2</li><li>Food and Nutrition 3</li></ul>
							or Socio	of Sociology 101, Speech 12, Nutrition 11		
							CSU Los Angeles Anatomy 32, Anthropology 2 or Sociology 101, Chemistry			
		<ul> <li>Additional units needed to total 60 units</li> <li>Courses cannot double count in multiple categories</li> </ul>					21AB, Economics 5, English 1C, Microbiology 33, Nutrition 14, Psychology 5, Physiology 31			
		Please note, additional courses are needed to meet the <u>UC/CSU Transfer Requirements</u> . See your ECC counselor for details.								