

# DEGREE AND CERTIFICATE PROGRAMS

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## A

- Academic Preparation in English, Certificate of Competency (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/english/academic-preparation-english-certificate-competency/>)
- Accounting Data Analytics, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/accounting/accounting-data-analytics-coa/>)
- Accounting, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/accounting/accounting-associate-science-degree/>)
- Accounting, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/accounting/accounting-certificate-achievement/>)
- Adapted Kinesiology, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/kinesiology-fitness-wellness-sports-athletic-performance/kinesiology/adapted-kinesiology-certificate-specialization/>)
- Advanced Baking and Pastry, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/culinary-arts/advanced-baking-pastry-associate-science-degree/>)
- Advanced Baking and Pastry, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/culinary-arts/advanced-baking-pastry-certificate-achievement/>)
- Advanced Clinical Practice, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/radiologic-technology/advanced-clinical-practice-certificate-specialization/>)
- Advanced Culinary Arts, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/culinary-arts/advanced-culinary-arts-associate-science-degree/>)
- Advanced Culinary Arts, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/culinary-arts/advanced-culinary-arts-certificate-achievement/>)
- Advanced English Language Skills, Certificate of Competency (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/english-language-learning/advanced-english-language-skills-certificate-competency/>)
- Advanced I Welding (FCAW), Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/welding-technology/advanced-welding-fcaw-certificate-specialization/>)
- Advanced II Welding (FCAW), Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/welding-technology/advanced-ii-welding-fcaw-certificate-specialization/>)
- Advanced Landscape Design and Landscape Specialist, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/horticulture/advanced-landscape-design-landscape-specialist-certificate-specialization/>)
- Advanced Welding (SMAW), Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/welding-technology/advanced-welding-smaw-certificate-specialization/>)
- Advertising, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/marketing/advertising-coa/>)
- Aircraft Dispatcher, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/aviation-science/aircraft-dispatcher-certificate-achievement/>)
- Airframe & Powerplant, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/aviation-maintenance-technology/airframe-powerplant-associate-science-degree/>)
- Airframe & Powerplant, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/aviation-maintenance-technology/airframe-powerplant-certificate-achievement/>)
- Airframe, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/aviation-maintenance-technology/airframe-associate-science-degree/>)
- Airframe, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/aviation-maintenance-technology/airframe-certificate-achievement/>)
- Airline Transport Pilot, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/aviation-science/airline-transport-pilot-certificate-specialization/>)
- Airline Travel Management, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/hospitality-travel/airline-travel-management-certificate-achievement/>)
- Allied Health Program Readiness, Certificate of Competency (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/allied-health/allied-health-program-readiness-certificate-competency/>)
- Animation, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/digital-media-arts-design/animation-associate-science-degree/>)
- Animation, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/digital-media-arts-design/animation-certificate-achievement/>)
- Anthropology, Associate in Arts Degree (<https://catalog.cccd.edu/orange-coast/pathways/social-science-humanities/anthropology/anthropology-associate-arts-degree/>)
- Anthropology, Associate in Arts Degree for Transfer (AA-T) (<https://catalog.cccd.edu/orange-coast/pathways/social-science-humanities/anthropology/anthropology-associate-arts-degree-transfer-aat/>)
- Apparel Construction, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/fashion/apparel-construction-associate-science-degree/>)
- Apparel Construction, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/fashion/apparel-construction-certificate-achievement/>)
- Apparel Industry Sustainability, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/fashion/apparel-construction-certificate-specialization/>)

- entrepreneurship/fashion/apparel-industry-sustainability-certificate-specialization/)
- Apparel Production and Product Development, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/fashion/apparel-production-product-dev-as/>)
  - Apparel Production and Product Development, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/fashion/apparel-production-product-development-certificate-achievement/>)
  - Applied Ocean Science and Technology, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/marine-science/applied-ocean-science-and-technology-associate-science-degree/>)
  - Aquarium Science, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/marine-science/aquarium-science-certificate-achievement/>)
  - Architectural Design 1, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/architectural-technology/architectural-design-1-associate-science-degree/>)
  - Architectural Design 1, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/architectural-technology/architectural-design-1-certificate-achievement/>)
  - Architectural Design 2, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/architectural-technology/architectural-design-2-associate-science-degree/>)
  - Architectural Design 2, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/architectural-technology/architectural-design-2-certificate-achievement/>)
  - Architecture, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/architectural-technology/architecture-associate-science-degree/>)
  - Art History, Associate in Arts Degree for Transfer (AA-T) (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/art/art-history-associate-arts-degree-transfer-aat/>)
  - Astronomy, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/astronomy/astronomy-associate-science-degree/>)
  - Athletic Training Level 1, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/kinesiology-fitness-wellness-sports-athletic-performance/kinesiology/athletic-training-level-1-certificate-achievement/>)
  - Athletic Training Level 2, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/kinesiology-fitness-wellness-sports-athletic-performance/kinesiology/athletic-training-level-2-certificate-achievement/>)
  - Athletics Coaching, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/kinesiology-fitness-wellness-sports-athletic-performance/kinesiology/athletics-coaching-certificate-achievement/>)
  - Athletics, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/kinesiology-fitness-wellness-sports-athletic-performance/athletics/athletics-certificate-achievement/>)
  - Automation Fundamentals, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/electronics/automation-fundamentals-certificate-achievement/>)
  - Aviation Science, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/aviation-science/aviation-science-associate-science-degree/>)
  - Aviation Science, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/aviation-science/aviation-science-certificate-achievement/>)
  - Avionics, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/aviation-maintenance-technology/avionics-certificate-achievement/>)
- ## B
- Baking and Pastry-Basic, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/culinary-arts/baking-pastry-basic-coa/>)
  - Bar and Beverage Management, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/food-beverage-management/bar-beverage-management-coa/>)
  - Basic Drone Imaging Skills, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/photography/basic-drone-imaging-skills-certificate-achievement/>)
  - Basic Landscape Design, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/horticulture/basic-landscape-design-coa/>)
  - Basic Welding (SMAW), Skill Certificate (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/welding-technology/basic-welding-smaw-skill-certificate/>)
  - Biology, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/biology/biology-associate-science-degree/>)
  - Biology, Associate in Science Degree for Transfer (AS-T) (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/biology/biology-associate-science-degree-transfer-ast/>)
  - Business Administration 2.0, Associate in Science Degree for Transfer (AS-T) (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/business/business-administration-associate-science-degree-transfer/>)
  - Business Administration, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/business/business-administration-associate-science-degree/>)
  - Business Administration, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/business/business-administration-certificate-achievement/>)
  - Business Employee, Associate in Arts Degree (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/music/business-employee-associate-arts-degree/>)
  - Business Employee, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/music/business-employee-certificate-achievement/>)
  - Business Taxation Competency, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/accounting/business-taxation-competency-coa/>)

## C

- C ++ Programming, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/computers-computing/computer-science/c-programming-certificate-specialization/>)
- Cardiovascular Technology, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/cardiovascular-technology/cardiovascular-tech-as/>)
- Carpentry, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/construction-technology/carpentry-coa/>)
- Ceramics, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/art/ceramics-certificate-specialization/>)
- Chemistry Skills, Certificate of Competency (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/chemistry/chemistry-skills-certificate-competency/>)
- Chemistry, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/chemistry/chemistry-associate-science-degree/>)
- Child Development Administration Specialization, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/teaching-education/child-development-education/child-development-administration-specialization-coa/>)
- Child Development Assistant Teacher, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/teaching-education/child-development-education/child-development-assistant-teacher-coa/>)
- Child Development Associate Teacher, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/teaching-education/child-development-education/child-development-associate-teacher-as/>)
- Child Development Associate Teacher, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/teaching-education/child-development-education/child-development-associate-teacher-coa/>)
- Child Development Core, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/teaching-education/child-development-education/child-development-core-coa/>)
- Child Development Curriculum Specialization, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/teaching-education/child-development-education/child-development-curriculum-specialization-coa/>)
- Child Development Lead Teacher, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/teaching-education/child-development-education/child-development-lead-teacher-as/>)
- Child Development Lead Teacher, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/teaching-education/child-development-education/child-development-lead-teacher-coa/>)
- CNC Machine Operator, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/manufacturing-technology/cnc-machine-operator-associate-science-degree/>)
- CNC Machine Operator, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/manufacturing-technology/cnc-machine-operator-certificate-achievement/>)
- CNC Machine Programmer, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/manufacturing-technology/cnc-machine-programmer-associate-science-degree/>)
- CNC Machine Programmer, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/manufacturing-technology/cnc-machine-programmer-certificate-achievement/>)
- CNC Operator, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/manufacturing-technology/cnc-operator-coa/>)
- CNC Programmer, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/manufacturing-technology/cnc-programmer-coa/>)
- Commercial Dance, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/dance/commercial-dance-coa/>)
- Commercial Pilot, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/aviation-science/commercial-pilot-certificate-specialization/>)
- Communications Studies, Associate in Arts Degree for Transfer (AA-T) (<https://catalog.cccd.edu/orange-coast/pathways/language-communication/communication-studies/communications-studies-associate-arts-degree-transfer-aat/>)
- Community Health Worker, Certificate of Completion (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/public-health/community-health-worker-certificate-completion/>)
- Comprehensive Pilates Instructor, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/dance/comprehensive-pilates-instructor-coa/>)
- Computer Basics, Certificate of Completion (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/computer-high-technology/computer-basics-certificate-completion/>)
- Computer Information Systems, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/computers-computing/computer-information-systems/computer-information-systems-associate-science-degree/>)
- Computer Information Systems, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/computers-computing/computer-information-systems/computer-information-systems-certificate-achievement/>)
- Computer Science, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/computers-computing/computer-science/computer-science-associate-science-degree/>)
- Computer Science, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/computers-computing/computer-science/computer-science-certificate-achievement/>)
- Concrete & Masonry, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/construction-technology/concrete-masonry-coa/>)
- Construction Technology, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/construction-technology/construction-technology-associate-science-degree/>)
- Construction Technology, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/construction-technology/construction-technology-certificate-achievement/>)

construction-technology/construction-technology-certificate-achievement/)

- Cost Accounting Competency, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/accounting/cost-accounting-competency-coa/>)
- CSU General Education, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/general-education/general-education-certificates/csu-general-education-certificate-achievement/>)
- Culinary Arts-Basic, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/culinary-arts/culinary-arts-basic-certificate-achievement/>)
- Customer Service for the Retail Industry, Certificate of Completion (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/consumer-health-sciences/customer-service-retail-industry-certificate-completion/>)

## D

- Dance Instructor, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/dance/dance-instructor-certificate-achievement/>)
- Dance, Associate in Arts Degree (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/dance/dance-associate-arts-degree/>)
- Dental Assisting - Registered, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/dental-assisting/dental-assisting-registered-associate-science-degree/>)
- Dental Assisting - Registered, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/dental-assisting/dental-assisting-registered-certificate-achievement/>)
- Design/Build, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/architectural-technology/design-build-certificate-achievement/>)
- Developmental English Language Skills, Certificate of Competency (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/english-language-learning/developmental-english-language-skills-certificate-competency/>)
- Diagnostic Medical Sonography, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/diagnostic-medical-sonography/diagnostic-medical-sonography-associate-science-degree/>)
- Dietetic Service Supervisor/Certified Dietary Manager, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/nutrition-dietetics/dietetic-service-supervisor-certified-dietary-manager-certificate-achievement/>)
- Digital Fabrication for Architecture, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/architectural-technology/digital-fabrication-architecture-certificate-achievement/>)
- Digital SLR Photography and Videography Technician, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/photography/digital-slr-photography-videography-technician-certificate-achievement/>)
- Display and Visual Presentation, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/fashion/display-visual-presentation-associate-science-degree/>)

- Display and Visual Presentation, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/fashion/display-visual-presentation-certificate-achievement/>)
- Drone Photography, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/photography/drone-photography-certificate-achievement/>)
- Drone Videography, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/photography/drone-videography-certificate-achievement/>)

## E

- Early Childhood Education, Associate in Science Degree for Transfer (AS-T) (<https://catalog.cccd.edu/orange-coast/pathways/teaching-education/child-development-education/early-childhood-education-ast/>)
- Earth Science, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/geology/earth-science-associate-science-degree/>)
- Economics, Associate in Arts Degree for Transfer (AA-T) (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/economics/economics-associate-arts-degree-transfer/>)
- Electrocardiography Technician, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/cardiovascular-technology/electrocardiography-technician-certificate-achievement/>)
- Elementary Education Specialization, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/teaching-education/child-development-education/elementary-education-specialization-coa/>)
- Elementary Teacher Education, Associate in Arts Degree for Transfer (AA-T) (<https://catalog.cccd.edu/orange-coast/pathways/teaching-education/child-development-education/elementary-teacher-education-aat/>)
- Embedded Systems Technician, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/electronics/embedded-systems-technician-certificate-achievement/>)
- Embedded Systems, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/electronics/embedded-systems-associate-science/>)
- Emergency Medical Services, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/emergency-medical-services/emergency-medical-services-coa/>)
- Emergent English Language Skills, Certificate of Competency (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/english-language-learning/emergent-english-language-skills,certificate-competency/>)
- Engineering, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/engineering/engineering-associate-science-degree/>)
- English Language Learning for Career Development, Certificate of Competency (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/english-language-learning/english-language-learning-career-development-certificate-competency/>)



- English Language Learning for Transition to Academics, Certificate of Competency (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/english-language-learning/english-language-learning-transition-to-academics-certificate-competency/>)
- English Language Learning Support for Parents, Certificate of Competency (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/english-language-learning/english-language-support-parents-certificate-competency/>)
- English Language Support for U.S. Citizenship, Certificate of Competency (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/english-language-learning/english-language-support-us-citizenship-certificate-competency/>)
- English, Associate in Arts Degree (<https://catalog.cccd.edu/orange-coast/pathways/language-communication/english/english-associate-arts-degree/>)
- English, Associate in Arts Degree for Transfer (AA-T) (<https://catalog.cccd.edu/orange-coast/pathways/language-communication/english/english-associate-arts-degree-transfer-aat/>)
- Entertainment Art, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/art/entertainment-art-certificate-achievement/>)
- Entrepreneurship, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/business/entrepreneurship-certificate-specialization/>)
- Entry Level Marketing, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/marketing/entry-level-marketing-coa/>)
- Entry-Level Accounting, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/accounting/entry-level-accounting-coa/>)
- Environmental Resource Management, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/architectural-technology/environmental-resource-management-certificate-specialization/>)
- Environmental Science, Associate in Arts Degree (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/environmental-science/environmental-science-associate-arts-degree/>)
- Environmental Science, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/environmental-science/environmental-science-associate-science-degree/>)
- ESL Support for Freshman Composition, Certificate of Competency (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/english-second-language/esl-support-freshman-composition-certificate-competency/>)
- Entrepreneurship/fashion/fashion-merchandising-associate-science-degree/)
- Fashion Merchandising, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/fashion/fashion-merchandising-certificate-achievement/>)
- Film & Television, Associate in Arts Degree (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/film-television/film-television-associate-arts-degree/>)
- Film & Television, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/film-television/film-television-certificate-achievement/>)
- Film, Television and Electronic Media, Associate in Science Degree for Transfer (AS-T) (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/film-television/electronic-media-associate-science-degree-transfer-ast/>)
- Finance, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/business/finance-coa/>)
- Financial Accounting Competency, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/accounting/financial-accounting-competency-certificate-achievement/>)
- Fine Woodworking, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/construction-technology/fine-woodworking-certificate-specialization/>)
- Fitness Specialist: Health Fitness Instructor/Personal Trainer, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/kinesiology-fitness-wellness-sports-athletic-performance/kinesiology/fitness-specialist-associate-science-degree/>)
- Fitness Specialist: Health Fitness Instructor/Personal Trainer, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/kinesiology-fitness-wellness-sports-athletic-performance/kinesiology/fitness-specialist-certificate-achievement/>)
- Flight Attendant and Airline and Travel Careers, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/hospitality-travel/flight-attendant-airline-travel-careers-associate-science-degree/>)
- Flight Attendant and Airline and Travel Careers, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/hospitality-travel/flight-attendant-airline-travel-careers-certificate-achievement/>)
- Flight Operations, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/aviation-science/flight-operations-coa/>)
- Food and Beverage Management, Advanced, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/food-beverage-management/food-beverage-management-as/>)
- Food and Beverage Management, Advanced, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/food-beverage-management/food-beverage-management-advanced-coa/>)
- Food and Beverage Management, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/food-beverage-management/food-beverage-management-coa/>)

## F

- Fashion Design, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/fashion/fashion-design-as/>)
- Fashion Design, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/fashion/fashion-design-coa/>)
- Fashion Merchandising, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/fashion/fashion-merchandising-associate-science-degree/>)

- Foreign Languages, Associate in Arts Degree (<https://catalog.cccd.edu/orange-coast/pathways/language-communication/foreign-languages/foreign-languages-associate-arts-degree/>)
- FrameCAD Steel Design NC, Certificate of Completion (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/architecture/framecad-steel-design-nc-certificate-completion/>)
- FrameCAD Steel Design, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/architectural-technology/framecad-steel-design-certificate-specialization/>)
- FrameCAD Steel Production NC, Certificate of Completion (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/architecture/framecad-steel-production-nc-certificate-completion/>)
- FrameCAD Steel Production, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/architectural-technology/framecad-steel-production-certificate-specialization/>)
- Front Office Specialist, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/hospitality-travel/front-office-specialist-certificate-achievement/>)

## G

- Gas Metal Arc Welding (GMAW), Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/welding-technology/gas-metal-arc-welding-gmaw-certificate-specialization/>)
- Gas Tungsten Arc Welding (GTAW), Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/welding-technology/gas-tungsten-arc-welding-gtaw-certificate-specialization/>)
- General Marketing, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/marketing/general-marketing-associate-science-degree/>)
- General Marketing, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/marketing/general-marketing-certificate-achievement/>)
- Geography, Associate in Arts Degree (<https://catalog.cccd.edu/orange-coast/pathways/social-science-humanities/geography/geography-associate-arts-degree/>)
- Geography, Associate in Arts Degree for Transfer (AA-T) (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/geography/geography-associate-arts-degree-transfer-aat/>)
- Geology, Associate in Science Degree for Transfer (AS-T) (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/geology/geology-associate-science-degree-transfer-ast/>)
- Global Studies, Associate in Arts Degree for Transfer (AA-T) (<https://catalog.cccd.edu/orange-coast/pathways/social-science-humanities/global-studies/global-studies-associate-arts-degree-transfer-aat/>)
- Governmental Accounting Competency, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/accounting/governmental-accounting-competency-certificate-achievement/>)
- Grammar Review, Certificate of Competency ([https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-](https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/english-language-learning/grammar-review-certificate-competency/)

[certificate-programs/english-language-learning/grammar-review-certificate-competency/](https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/english-language-learning/grammar-review-certificate-competency/))

- Graphic Design, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/digital-media-arts-design/graphic-design-associate-science-degree/>)
- Graphic Design, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/digital-media-arts-design/graphic-design-certificate-achievement/>)

## H

- Heating, Ventilation, Air Conditioning and Refrigeration (HVACR), Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/heating-ventilation-air-conditioning-refrigeration/heating-ventilation-air-conditioning-refrigeration-associate-science-degree/>)
- Heating, Ventilation, Air Conditioning and Refrigeration (HVACR), Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/heating-ventilation-air-conditioning-refrigeration/heating-ventilation-air-conditioning-refrigeration-certificate-achievement/>)
- Helicopter Theory and Maintenance, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/aviation-maintenance-technology/helicopter-theory-maintenance-certificate-specialization/>)
- History, Associate in Arts Degree for Transfer (AA-T) (<https://catalog.cccd.edu/orange-coast/pathways/social-science-humanities/history/history-associate-arts-degree-transfer-aat/>)
- Horticulture, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/horticulture/horticulture-associate-science-degree/>)
- Horticulture, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/horticulture/horticulture-certificate-achievement/>)
- Hospitality and Tourism, Certificate of Completion (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/consumer-health-sciences/hospitality-and-tourism-certificate-completion/>)
- Hotel Management, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/hospitality-travel/hotel-management-associate-science-degree/>)
- Human Resource Management, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/hospitality-travel/human-resource-management-associate-science-degree/>)
- Human Resource Management, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/hospitality-travel/human-resource-management-certificate-achievement/>)

## I

- IGETC, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/general-education/general-education-certificates/igetc-certificate-achievement/>)
- Imaging Assistant, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/radiologic-technology/imaging-assistant-coa/>)

- Immersive Media (VR/AR), Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/film-television/immersive-media-vr-ar-certificate-achievement/>)
- Individual Taxation Competency, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/accounting/individual-taxation-competency-coa/>)
- Industrial Electronics Technician, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/electronics/industrial-electronics-technician-certificate-achievement/>)
- Industrial PLC Technician, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/electronics/industrial-plc-technician-as/>)
- Industrial PLC Technician, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/electronics/industrial-plc-technician-coa/>)
- Industrial Sewing, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/fashion/industrial-sewing-certificate-specialization/>)
- Infant and Toddler Specialization, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/teaching-education/child-development-education/infant-toddler-specialization-coa/>)
- Information Technology Security, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/computers-computing/information-technology/information-technology-security-certificate-specialization/>)
- Instrument Pilot, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/aviation-science/instrument-pilot-certificate-specialization/>)
- Integrated Project Design, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/architectural-technology/integrated-project-design-certificate-achievement/>)
- Integrative Health Coach, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/integrative-health/integrative-health-coach-associate-science-degree/>)
- Integrative Health Coach, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/integrative-health/integrative-health-coach-certificate-achievement/>)
- Interior Design - Digital Design Communication, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/interior-design/interior-design-digital-design-communication-certificate-achievement/>)
- Interior Design - Kitchen and Bath Advanced, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/interior-design/kitchen-bath-advanced-cos/>)
- Intermediate Landscape Design and Construction Specialist, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/horticulture/intermediate-landscape-design-specialist-coa/>)
- Intermediate Welding (SMAW), Skill Certificate (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/welding-technology/intermediate-welding-smaw-skill-certificate/>)
- International Business, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/marketing/international-business-associate-science-degree/>)

entrepreneurship/marketing/international-business-associate-science-degree/)

- International Business, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/marketing/international-business-certificate-achievement/>)
- International Business, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/marketing/international-business-certificate-specialization/>)

## J

- Java Programming, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/computers-computing/computer-science/java-programming-certificate-specialization/>)
- Journalism, Associate in Arts Degree (<https://catalog.cccd.edu/orange-coast/pathways/language-communication/journalism/journalism-associate-arts-degree/>)
- Journalism, Associate in Arts Degree for Transfer (AA-T) (<https://catalog.cccd.edu/orange-coast/pathways/language-communication/journalism/journalism-associate-arts-degree-transfer-aat/>)

## K

- Kinesiology, Associate in Arts Degree for Transfer (AA-T) (<https://catalog.cccd.edu/orange-coast/pathways/kinesiology-fitness-wellness-sports-athletic-performance/kinesiology/kinesiology-associate-arts-degree-transfer-aat/>)

## L

- Landscape Site Design Elements, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/horticulture/landscape-site-design-elements-certificate-specialization/>)
- Leadership Studies, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/leadership-studies/leadership-studies-coa/>)
- Level 1 - Culinary Food Science Assistant, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/culinology-food-science/level-1-culinary-food-science-assistant-certificate-achievement/>)
- Level 1 - Interior Merchandising, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/interior-design/level-1-interior-merchandising-certificate-achievement/>)
- Level 2 - Interior Design Assistant, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/interior-design/level-2-interior-design-assistant-associate-science-degree/>)
- Level 3 - Interior Design Professional, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/interior-design/level-3-interior-design-professional-certificate-achievement/>)
- Level II Culinology® - Professional Level, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/culinology-food-science/level-2-culinology-professional-level-associate-science-degree/>)

- Liberal Arts, Associate in Arts Degree (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/liberal-arts/liberal-arts-associate-arts-degree/>)
- Lifeguard Training, Professional Rescue, Certificate of Completion (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/kinesiology/lifeguard-training-professional-rescue-certificate-completion/>)

## M

- Machinist, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/manufacturing-technology/machinist-associate-science-degree/>)
- Machinist, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/manufacturing-technology/machinist-certificate-achievement/>)
- Management and Leadership Studies, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/management/management-leadership-studies-associate-science-degree/>)
- Management and Leadership Studies, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/management/management-leadership-studies-certificate-achievement/>)
- Management Institute, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/management/management-institute-coa/>)
- Marine Conservation & Monitoring, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/marine-science/marine-conservation-monitoring-certificate-achievement/>)
- Marine Mammal Field Studies and Conservation, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/marine-science/marine-mammal-field-studies-and-conservation-certificate-achievement/>)
- Marine Science, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/marine-science/marine-science-associate-science-degree/>)
- Mass Communications/Media Studies, Associate in Arts Degree (<https://catalog.cccd.edu/orange-coast/pathways/language-communication/communication-studies/mass-communications-media-studies-associate-arts-degree/>)
- Master Construction Specialist, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/construction-technology/master-construction-specialist-associate-science-degree/>)
- Master Construction Specialist, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/construction-technology/master-construction-specialist-certificate-achievement/>)
- Math Skills Development, Certificate of Competency (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/mathematics/math-skills-development-certificate-competency/>)
- Mathematics, Associate in Science Degree for Transfer (AS-T) (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/mathematics/mathematics-associate-science-degree-transfer-ast/>)
- Media Arts and Creative Entertainment, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design->

[performing-arts/film-television/media-arts-creative-entertainment-certificate-achievement/](https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/film-television/media-arts-creative-entertainment-certificate-achievement/))

- Medical Assisting CCMA Eligible Program, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/medical-assisting/ccma-eligible-program-associate-science-degree/>)
- Medical Assisting CCMA Eligible Program, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/medical-assisting/ccma-eligible-program-certificate-achievement/>)
- Meeting and Event Management, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/hospitality-travel/meeting-event-management-associate-science-degree/>)
- Meeting and Event Management, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/hospitality-travel/meeting-event-management-certificate-achievement/>)
- Micro-Structure Design Technology Noncredit, Certificate of Completion (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/architecture/micro-structure-design-technology-noncredit-certificate-completion/>)
- Micro-Structure Design Technology, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/architectural-technology/mico-structure-design-technology-certificate-achievement/>)
- MIDI Applications, Associate in Arts Degree (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/music/midi-applications-associate-arts-degree/>)
- MIDI Applications, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/music/midi-applications-certificate-achievement/>)
- Music, Associate in Arts Degree (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/music/music-associate-arts-degree/>)
- Music, Associate in Arts Degree for Transfer (AA-T) (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/music/music-associate-arts-degree-transfer-aat/>)

## N

- Narrative Illustration, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/art/narrative-illustration-associate-science-degree/>)
- Narrative Illustration, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/art/narrative-illustration-certificate-achievement/>)
- Natural Science, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/natural-science/natural-science-associate-science-degree/>)
- Network Professional, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/computers-computing/information-technology/network-professional-certificate-achievement/>)
- Network Technician, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/computers-computing/information-technology/network-technician-coa/>)
- Neurodiagnostic Technology, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/>



neurodiagnostic-technology/neurodiagnostic-technology-associate-science-degree/)

- Non-Profit Accounting Competency, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/accounting/non-profit-accounting-competency-certification-specialization/>)
- Not for Profit Management, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/business/not-for-profit-management-coa/>)
- Not-for-Profit Management, Certificate of Completion (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/business/not-for-profit-management-certificate-completion/>)
- Nutrition and Dietetics Technician, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/nutrition-dietetics/nutrition-dietetics-technician-associate-science-degree/>)
- Nutrition and Dietetics, Associate in Science Degree for Transfer (AS-T) (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/nutrition-dietetics/nutrition-dietetics-associate-science-degree-transfer-ast/>)
- Nutrition and Fitness Education, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/nutrition-dietetics/nutrition-fitness-education-certificate-achievement/>)
- Nutrition Education, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/nutrition-dietetics/nutrition-education-associate-science-degree/>)
- Nutrition Education, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/nutrition-dietetics/nutrition-education-certificate-achievement/>)

## O

- Office Assistant, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/computers-computing/computer-information-systems/office-assistant-coa/>)
- Orbital Welding, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/welding-technology/orbital-welding-certificate-specialization/>)

## P

- Payroll Accounting Competency, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/accounting/payroll-accounting-competency-coa/>)
- Personal Care Aide Noncredit, Certificate of Completion (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/allied-health/personal-care-aide-noncredit-certificate-completion/>)
- Philosophy, Associate in Arts Degree for Transfer (AA-T) (<https://catalog.cccd.edu/orange-coast/pathways/social-science-humanities/philosophy/philosophy-associate-arts-degree-transfer-aat/>)
- Photography Digital Technician, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/photography/photography-digital-technician-certificate-achievement/>)
- Photography-Still, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/photography/photography-still-associate-science-degree/>)

performing-arts/photography/photography-still-associate-science-degree/)

- Photography-Still, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/photography/photography-still-certificate-achievement/>)
- Physics, Associate in Science Degree for Transfer (AS-T) (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/physics/physics-associate-science-degree-transfer-ast/>)
- Pilates Mat Instructor, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/dance/pilates-mat-coa/>)
- Pipe, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/welding-technology/pipe-certificate-specialization/>)
- Plumbing, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/construction-technology/plumbing-coa/>)
- Political Science, Associate in Arts Degree for Transfer (AA-T) (<https://catalog.cccd.edu/orange-coast/pathways/social-science-humanities/political-science/political-science-associate-arts-degree-transfer-aat/>)
- Polysomnographic Technology, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/polysomnographic-technology/polysomnographic-technology-associate-science-degree/>)
- Polysomnography, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/polysomnographic-technology/polysomnographic-technology-coa/>)
- Powerplant, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/aviation-maintenance-technology/powerplant-associate-science-degree/>)
- Powerplant, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/aviation-maintenance-technology/powerplant-certificate-achievement/>)
- Private Pilot, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/aviation-science/private-pilot-certificate-specialization/>)
- Professional Mariner, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/professional-mariner/professional-mariner-associate-science-degree/>)
- Professional Mariner, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/professional-mariner/professional-mariner-certificate-achievement/>)
- Psychology, Associate in Arts Degree for Transfer (AA-T) (<https://catalog.cccd.edu/orange-coast/pathways/social-science-humanities/psychology/psychology-associate-arts-degree-transfer-aat/>)
- Public Health - General Studies, Associate in Arts Degree (<https://catalog.cccd.edu/orange-coast/pathways/kinesiology-fitness-wellness-sports-athletic-performance/public-health/public-health-general-studies-associate-arts-degree/>)
- Public Health Science, Associate in Science Degree for Transfer (AS-T) (<https://catalog.cccd.edu/orange-coast/pathways/kinesiology-fitness-wellness-sports-athletic-performance/public-health/public-health-science-associate-science-degree-transfer-ast/>)

- Public Health, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/kinesiology-fitness-wellness-sports-athletic-performance/public-health/public-health-certificate-achievement/>)
- Python Programming, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/computers-computing/computer-science/python-programming-certificate-specialization/>)

## R

- Radiologic Technology, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/radiologic-technology/radiologic-technology-associate-science-degree/>)
- Real Estate-Broker, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/real-estate/real-estate-broker-associate-science-degree/>)
- Real Estate-Broker, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/real-estate/real-estate-broker-certificate-achievement/>)
- Real Estate-Sales Agent, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/real-estate/real-estate-salesperson-certificate-specialization/>)
- Religious Studies, Associate in Arts Degree (<https://catalog.cccd.edu/orange-coast/pathways/social-science-humanities/religious-studies/religious-studies-associate-arts-degree/>)
- Residential Construction Development First Award, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/construction-technology/residential-construction-development-first-award-certificate-achievement/>)
- Residential Construction Development Second Award, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/construction-technology/residential-construction-development-second-award-certificate-achievement/>)
- Residential Construction Development Third Award, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/construction-technology/residential-construction-development-third-award-certificate-achievement/>)
- Residential Construction Development, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/construction-technology/residential-construction-development-first-award-associate-science-degree/>)
- Residential Electrical, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/construction-technology/residential-electrical-certificate-specialization/>)
- Respiratory Care, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/respiratory-care/respiratory-care-associate-science-degree/>)
- Retail, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/management/retail-associate-science-degree/>)
- Retail, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/management/retail-certificate-achievement/>)

## S

- Retrofitting California Urban Gardens, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/horticulture/retrofitting-california-urban-gardens-coa/>)
- Robotics Technician, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/electronics/robotics-technician-certificate-achievement/>)
- Sales and Marketing Specialist, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/hospitality-travel/sales-marketing-specialist-associate-science-degree/>)
- Sales and Marketing Specialist, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/hospitality-travel/sales-marketing-specialist-certificate-achievement/>)
- Sales, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/marketing/sales-coa/>)
- Skills Enhancement for Consumer and Health Sciences, Certificate of Completion (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/allied-health/skills-enhancement-consumer-health-sciences-certificate-completion/>)
- Social Media Strategist, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/language-communication/communication-studies/social-media-strategist-certificate-achievement/>)
- Sociology, Associate in Arts Degree for Transfer (AA-T) (<https://catalog.cccd.edu/orange-coast/pathways/social-science-humanities/sociology/sociology-associate-arts-degree-transfer-aat/>)
- Spanish, Associate in Arts Degree for Transfer (AA-T) (<https://catalog.cccd.edu/orange-coast/pathways/language-communication/foreign-languages/spanish-associate-arts-degree-transfer-aat/>)
- Speech-Language Pathology Assistant, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/speech-language-pathology-assistant/speech-language-pathology-assistant-associate-science-degree/>)
- Studio Arts, Associate in Arts Degree for Transfer (AA-T) (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/art/studio-arts-associate-arts-degree-transfer-aat/>)
- Sustainable Design, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/architectural-technology/sustainable-design-certificate-achievement/>)

## T

- The Professional Practice of a Landscape Design & Construction Business, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/horticulture/professional-practice-landscape-design-construction-business-certificate-specialization/>)
- Theatre Arts, Associate in Arts Degree (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/theatre-arts/theatre-arts-associate-arts-degree/>)
- Theatre Arts, Associate in Arts Degree for Transfer (AA-T) (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/theatre-arts/theatre-arts-associate-arts-degree-transfer-aat/>)

- Tooling, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/manufacturing-technology/tooling-associate-science-degree/>)
- Tooling, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/manufacturing-technology/tooling-certificate-achievement/>)
- Travel Specialist, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/hospitality-travel/travel-specialist-associate-science-degree/>)
- Travel Specialist, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/hospitality-travel/travel-specialist-certificate-achievement/>)
- Tutoring Skills and Strategies, Certificate of Completion (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/tutoring/tutoring-skills-strategies-certificate-completion/>)

## U

- Unmanned Aircraft Systems, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/computers-computing/aviation-science/unmanned-aircraft-systems-certificate-achievement/>)
- UX Design, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/digital-media-arts-design/ux-design-associate-science-degree/>)
- UX Design, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/digital-media-arts-design/ux-design-certificate-achievement/>)

## V

- Virtualization and Cloud Computing, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/information-technology/virtualization-cloud-computing-certificate-achievement/>)

## W

- Web Design, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/computers-computing/computer-information-systems/web-design-certificate-specialization/>)
- Welding Technology, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/welding-technology/welding-technology-associate-science-degree/>)
- Welding Technology, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/welding-technology/welding-technology-certificate-achievement/>)
- Working with Exceptional Children Specialization, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/teaching-education/child-development-education/working-with-exceptional-children-specialization-coa/>)
- World Dance Instructor, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/dance/world-dance-certificate-achievement/>)

## Y

- Yoga Instructor Training, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/kinesiology-fitness-wellness-sports-athletic-performance/kinesiology/yoga-instructor-training-coa/>)

- Yoga Instructor Training, Certificate of Completion (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/kinesiology/yoga-instructor-training-certificate-completion/>)

## Credit Accounting

- Accounting Data Analytics, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/accounting/accounting-data-analytics-coa/>)
- Accounting, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/accounting/accounting-associate-science-degree/>)
- Accounting, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/accounting/accounting-certificate-achievement/>)
- Business Taxation Competency, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/accounting/business-taxation-competency-coa/>)
- Cost Accounting Competency, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/accounting/cost-accounting-competency-coa/>)
- Entry-Level Accounting, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/accounting/entry-level-accounting-coa/>)
- Financial Accounting Competency, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/accounting/financial-accounting-competency-certificate-achievement/>)
- Governmental Accounting Competency, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/accounting/governmental-accounting-competency-certificate-achievement/>)
- Individual Taxation Competency, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/accounting/individual-taxation-competency-coa/>)
- Non-Profit Accounting Competency, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/accounting/non-profit-accounting-competency-certification-specialization/>)
- Payroll Accounting Competency, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/accounting/payroll-accounting-competency-coa/>)

## Anthropology

- Anthropology, Associate in Arts Degree (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/anthropology/anthropology-associate-arts-degree/>)
- Anthropology, Associate in Arts Degree for Transfer (AA-T) (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/anthropology/anthropology-associate-arts-degree-transfer-aat/>)

## Architectural Technology

- Architectural Design 1, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/architectural-technology/architectural-design-1-associate-science-degree/>)

- Architectural Design 1, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/architectural-technology/architectural-design-1-certificate-achievement/>)
- Architectural Design 2, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/architectural-technology/architectural-design-2-associate-science-degree/>)
- Architectural Design 2, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/architectural-technology/architectural-design-2-certificate-achievement/>)
- Architecture, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/architectural-technology/architecture-associate-science-degree/>)
- Design/Build, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/architectural-technology/design-build-certificate-achievement/>)
- Digital Fabrication for Architecture, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/architectural-technology/digital-fabrication-architecture-certificate-achievement/>)
- Environmental Resource Management, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/architectural-technology/environmental-resource-management-certificate-specialization/>)
- FrameCAD Steel Design, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/architectural-technology/framecad-steel-design-certificate-specialization/>)
- FrameCAD Steel Production, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/architectural-technology/framecad-steel-production-certificate-specialization/>)
- Integrated Project Design, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/architectural-technology/integrated-project-design-certificate-achievement/>)
- Micro-Structure Design Technology, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/architectural-technology/mico-structure-design-technology-certificate-achievement/>)
- Sustainable Design, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/architectural-technology/sustainable-design-certificate-achievement/>)

## Art

- Art History, Associate in Arts Degree for Transfer (AA-T) (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/art/art-history-associate-arts-degree-transfer-aat/>)
- Ceramics, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/art/ceramics-certificate-specialization/>)
- Entertainment Art, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/art/entertainment-art-certificate-achievement/>)

- Narrative Illustration, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/art/narrative-illustration-associate-science-degree/>)
- Narrative Illustration, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/art/narrative-illustration-certificate-achievement/>)
- Studio Arts, Associate in Arts Degree for Transfer (AA-T) (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/art/studio-arts-associate-arts-degree-transfer-aat/>)

## Astronomy

- Astronomy, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/astronomy/astronomy-associate-science-degree/>)

## Athletics

- Athletics, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/kinesiology-fitness-wellness-sports-athletic-performance/athletics/athletics-certificate-achievement/>)

## Aviation Maintenance Technology

- Airframe & Powerplant, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/aviation-maintenance-technology/airframe-powerplant-associate-science-degree/>)
- Airframe & Powerplant, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/aviation-maintenance-technology/airframe-powerplant-certificate-achievement/>)
- Airframe, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/aviation-maintenance-technology/airframe-associate-science-degree/>)
- Airframe, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/aviation-maintenance-technology/airframe-certificate-achievement/>)
- Avionics, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/aviation-maintenance-technology/avionics-certificate-achievement/>)
- Helicopter Theory and Maintenance, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/aviation-maintenance-technology/helicopter-theory-maintenance-certificate-specialization/>)
- Powerplant, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/aviation-maintenance-technology/powerplant-associate-science-degree/>)
- Powerplant, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/aviation-maintenance-technology/powerplant-certificate-achievement/>)

## Aviation Science

- Aircraft Dispatcher, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/aviation-science/aircraft-dispatcher-certificate-achievement/>)
- Airline Transport Pilot, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/aviation-science/airline-transport-pilot-certificate-specialization/>)



- Aviation Science, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/aviation-science/aviation-science-associate-science-degree/>)
- Aviation Science, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/aviation-science/aviation-science-certificate-achievement/>)
- Commercial Pilot, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/aviation-science/commercial-pilot-certificate-specialization/>)
- Flight Operations, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/aviation-science/flight-operations-coa/>)
- Instrument Pilot, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/aviation-science/instrument-pilot-certificate-specialization/>)
- Private Pilot, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/aviation-science/private-pilot-certificate-specialization/>)
- Unmanned Aircraft Systems, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/aviation-science/unmanned-aircraft-systems-certificate-achievement/>)

## **Biology**

- Biology, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/biology/biology-associate-science-degree/>)
- Biology, Associate in Science Degree for Transfer (AS-T) (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/biology/biology-associate-science-degree-transfer-ast/>)

## **Business**

- Business Administration 2.0, Associate in Science Degree for Transfer (AS-T) (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/business/business-administration-associate-science-degree-transfer/>)
- Business Administration, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/business/business-administration-associate-science-degree/>)
- Business Administration, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/business/business-administration-certificate-achievement/>)
- Entrepreneurship, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/business/entrepreneurship-certificate-specialization/>)
- Finance, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/business/finance-coa/>)
- Not for Profit Management, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/business/not-for-profit-management-coa/>)

## **Cardiovascular Technology**

- Cardiovascular Technology, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/cardiovascular-technology/cardiovascular-tech-as/>)

- Electrocardiography Technician, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/cardiovascular-technology/electrocardiography-technician-certificate-achievement/>)

## **Chemistry**

- Chemistry, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/chemistry/chemistry-associate-science-degree/>)

## **Child Development and Education**

- Child Development Administration Specialization, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/teaching-education/education/child-development-administration-specialization-certificate-achievement/>)
- Child Development Assistant Teacher, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/teaching-education/education/child-development-assistant-teacher-certificate-achievement/>)
- Child Development Associate Teacher, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/teaching-education/education/child-development-associate-teacher-associate-science-degree/>)
- Child Development Associate Teacher, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/teaching-education/education/associate-preschool-teacher-certificate-achievement/>)
- Child Development Core, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/teaching-education/education/child-development-core-certificate-achievement/>)
- Child Development Curriculum Specialization, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/teaching-education/education/child-development-curriculum-specialization-certificate-achievement/>)
- Child Development Lead Teacher, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/teaching-education/education/child-development-lead-teacher-associate-science-degree/>)
- Child Development Lead Teacher, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/teaching-education/education/child-development-lead-teacher-certificate-achievement/>)
- Early Childhood Education, Associate in Science Degree for Transfer (AS-T) (<https://catalog.cccd.edu/orange-coast/pathways/teaching-education/education/early-childhood-education-associate-science-degree-transfer-ast/>)
- Elementary Education Specialization, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/teaching-education/education/elementary-education-specialization-certificate-achievement/>)
- Elementary Teacher Education, Associate in Arts Degree for Transfer (AA-T) (<https://catalog.cccd.edu/orange-coast/pathways/teaching-education/education/elementary-teacher-education-associate-arts-degree-transfer-aat/>)
- Infant and Toddler Specialization, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/teaching-education/education/child-development-infant-toddler-specialization-certificate-achievement/>)
- Working with Exceptional Children Specialization, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/>)

[teaching-education/education/working-with-exceptional-children-specialization-certificate-achievement/](https://catalog.cccd.edu/orange-coast/pathways/education/working-with-exceptional-children-specialization-certificate-achievement/))

## Communication Studies

- Communications Studies, Associate in Arts Degree for Transfer (AA-T) (<https://catalog.cccd.edu/orange-coast/pathways/language-communication/communication-studies/communications-studies-associate-arts-degree-transfer-aat/>)
- Mass Communications/Media Studies, Associate in Arts Degree (<https://catalog.cccd.edu/orange-coast/pathways/language-communication/communication-studies/mass-communications-media-studies-associate-arts-degree/>)
- Social Media Strategist, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/language-communication/communication-studies/social-media-strategist-certificate-achievement/>)

## Computer Information Systems

- Computer Information Systems, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/computer-information-systems/computer-information-systems-associate-science-degree/>)
- Computer Information Systems, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/computer-information-systems/computer-information-systems-certificate-achievement/>)
- Office Assistant, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/computer-information-systems/office-assistant-coa/>)
- Web Design, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/computer-information-systems/web-design-certificate-specialization/>)

## Computer Science

- C ++ Programming, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/computers-computing/computer-science/c-programming-certificate-specialization/>)
- Computer Science, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/computers-computing/computer-science/computer-science-associate-science-degree/>)
- Computer Science, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/computers-computing/computer-science/computer-science-certificate-achievement/>)
- Java Programming, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/computers-computing/computer-science/java-programming-certificate-specialization/>)
- Python Programming, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/computers-computing/computer-science/python-programming-certificate-specialization/>)

## Construction Technology

- Carpentry, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/construction-technology/carpentry-coa/>)
- Concrete & Masonry, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/construction-technology/concrete-masonry-coa/>)

- Construction Technology, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/construction-technology/construction-technology-associate-science-degree/>)
- Construction Technology, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/construction-technology/construction-technology-certificate-achievement/>)
- Fine Woodworking, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/construction-technology/fine-woodworking-certificate-specialization/>)
- Master Construction Specialist, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/construction-technology/master-construction-specialist-associate-science-degree/>)
- Master Construction Specialist, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/construction-technology/master-construction-specialist-certificate-achievement/>)
- Plumbing, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/construction-technology/plumbing-coa/>)
- Residential Construction Development First Award, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/construction-technology/residential-construction-development-first-award-certificate-achievement/>)
- Residential Construction Development Second Award, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/construction-technology/residential-construction-development-second-award-certificate-achievement/>)
- Residential Construction Development Third Award, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/construction-technology/residential-construction-development-third-award-certificate-achievement/>)
- Residential Construction Development, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/construction-technology/residential-construction-development-first-award-associate-science-degree/>)
- Residential Electrical, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/construction-technology/residential-electrical-certificate-specialization/>)

## Culinary Arts

- Advanced Baking and Pastry, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/culinary-arts/advanced-baking-pastry-associate-science-degree/>)
- Advanced Baking and Pastry, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/culinary-arts/advanced-baking-pastry-certificate-achievement/>)
- Advanced Culinary Arts, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/culinary-arts/advanced-culinary-arts-associate-science-degree/>)
- Advanced Culinary Arts, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/culinary-arts/advanced-culinary-arts-certificate-achievement/>)

- Baking and Pastry-Basic, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/culinary-arts/baking-pastry-basic-coa/>)
- Culinary Arts-Basic, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/culinary-arts/culinary-arts-basic-certificate-achievement/>)

## **Culinology and Food Science**

- Level I - Culinary Food Science Assistant, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/culinology-food-science/level-1-culinary-food-science-assistant-certificate-achievement/>)
- Level II Culinology® - Professional Level, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/culinology-food-science/level-2-culinology-professional-level-associate-science-degree/>)

## **Dance**

- Commercial Dance, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/kinesiology-fitness-wellness-sports-athletic-performance/dance/commercial-dance-coa/>)
- Comprehensive Pilates Instructor, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/kinesiology-fitness-wellness-sports-athletic-performance/dance/comprehensive-pilates-instructor-coa/>)
- Dance Instructor, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/kinesiology-fitness-wellness-sports-athletic-performance/dance/dance-instructor-certificate-achievement/>)
- Dance, Associate in Arts Degree (<https://catalog.cccd.edu/orange-coast/pathways/kinesiology-fitness-wellness-sports-athletic-performance/dance/dance-associate-arts-degree/>)
- Pilates Mat Instructor, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/kinesiology-fitness-wellness-sports-athletic-performance/dance/pilates-mat-coa/>)
- World Dance Instructor, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/kinesiology-fitness-wellness-sports-athletic-performance/dance/world-dance-certificate-achievement/>)

## **Dental Assisting**

- Dental Assisting - Registered, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/dental-assisting/dental-assisting-registered-associate-science-degree/>)
- Dental Assisting - Registered, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/dental-assisting/dental-assisting-registered-certificate-achievement/>)

## **Diagnostic Medical Sonography**

- Diagnostic Medical Sonography, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/diagnostic-medical-sonography/diagnostic-medical-sonography-associate-science-degree/>)

## **Digital Media Arts and Design**

- Animation, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/digital-media-arts-design/animation-associate-science-degree/>)

- Animation, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/digital-media-arts-design/animation-certificate-achievement/>)
- Graphic Design, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/digital-media-arts-design/graphic-design-associate-science-degree/>)
- Graphic Design, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/digital-media-arts-design/graphic-design-certificate-achievement/>)
- UX Design, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/digital-media-arts-design/ux-design-associate-science-degree/>)
- UX Design, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/digital-media-arts-design/ux-design-certificate-achievement/>)

## **Economics**

- Economics, Associate in Arts Degree for Transfer (AA-T) (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/economics/economics-associate-arts-degree-transfer/>)

## **Electronics**

- Automation Fundamentals, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/electronics/automation-fundamentals-certificate-achievement/>)
- Embedded Systems Technician, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/electronics/embedded-systems-technician-certificate-achievement/>)
- Embedded Systems, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/electronics/embedded-systems-associate-science/>)
- Industrial Electronics Technician, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/electronics/industrial-electronics-technician-certificate-achievement/>)
- Industrial PLC Technician, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/electronics/industrial-plc-technician-as/>)
- Industrial PLC Technician, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/electronics/industrial-plc-technician-coa/>)
- Robotics Technician, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/electronics/robotics-technician-certificate-achievement/>)

## **Emergency Medical Services**

- Emergency Medical Services, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/emergency-medical-services/emergency-medical-services-coa/>)

## **Engineering**

- Engineering, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/engineering/engineering-associate-science-degree/>)

## English

- English, Associate in Arts Degree (<https://catalog.cccd.edu/orange-coast/pathways/language-communication/english/english-associate-arts-degree/>)
- English, Associate in Arts Degree for Transfer (AA-T) (<https://catalog.cccd.edu/orange-coast/pathways/language-communication/english/english-associate-arts-degree-transfer-aat/>)

## Environmental Science and Ecology

- Environmental Science, Associate in Arts Degree (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/environmental-science/environmental-science-associate-arts-degree/>)
- Environmental Science, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/environmental-science/environmental-science-associate-science-degree/>)

## Fashion

- Apparel Construction, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/fashion/apparel-construction-associate-science-degree/>)
- Apparel Construction, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/fashion/apparel-construction-certificate-achievement/>)
- Apparel Industry Sustainability, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/fashion/apparel-industry-sustainability-certificate-specialization/>)
- Apparel Production and Product Development, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/fashion/apparel-production-product-dev-as/>)
- Apparel Production and Product Development, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/fashion/apparel-production-product-development-certificate-achievement/>)
- Display and Visual Presentation, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/fashion/display-visual-presentation-associate-science-degree/>)
- Display and Visual Presentation, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/fashion/display-visual-presentation-certificate-achievement/>)
- Fashion Design, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/fashion/fashion-design-as/>)
- Fashion Design, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/fashion/fashion-design-coa/>)
- Fashion Merchandising, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/fashion/fashion-merchandising-associate-science-degree/>)
- Fashion Merchandising, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/fashion/fashion-merchandising-certificate-achievement/>)

entrepreneurship/fashion/fashion-merchandising-certificate-achievement/)

- Industrial Sewing, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/fashion/industrial-sewing-certificate-specialization/>)

## Film & Television

- Film & Television, Associate in Arts Degree (<https://catalog.cccd.edu/orange-coast/pathways/language-communication/film-television/film-television-associate-arts-degree/>)
- Film & Television, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/language-communication/film-television/film-television-certificate-achievement/>)
- Film, Television and Electronic Media, Associate in Science Degree for Transfer (AS-T) (<https://catalog.cccd.edu/orange-coast/pathways/language-communication/film-television/film-television-electronic-media-associate-science-degree-transfer-as-t/>)
- Immersive Media (VR/AR), Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/language-communication/film-television/immersive-media-vr-ar-certificate-achievement/>)
- Media Arts and Creative Entertainment, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/language-communication/film-television/media-arts-creative-entertainment-certificate-achievement/>)

## Food and Beverage Management

- Bar and Beverage Management, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/food-beverage-management/bar-beverage-management-coa/>)
- Food and Beverage Management, Advanced, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/food-beverage-management/food-beverage-management-as/>)
- Food and Beverage Management, Advanced, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/food-beverage-management/food-beverage-management-advanced-coa/>)
- Food and Beverage Management, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/food-beverage-management/food-beverage-management-coa/>)

## Foreign Languages

- Foreign Languages, Associate in Arts Degree (<https://catalog.cccd.edu/orange-coast/pathways/language-communication/foreign-languages/foreign-languages-associate-arts-degree/>)
- Spanish, Associate in Arts Degree for Transfer (AA-T) (<https://catalog.cccd.edu/orange-coast/pathways/language-communication/foreign-languages/spanish-associate-arts-degree-transfer-aat/>)

## Geography

- Geography, Associate in Arts Degree (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/geography/geography-associate-arts-degree/>)



- Geography, Associate in Arts Degree for Transfer (AA-T) (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/geography/geography-associate-arts-degree-transfer-aat/>)

## **Geology**

- Earth Science, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/geology/earth-science-associate-science-degree/>)
- Geology, Associate in Science Degree for Transfer (AS-T) (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/geology/geology-associate-science-degree-transfer-ast/>)

## **Global Studies**

- Global Studies, Associate in Arts Degree for Transfer (AA-T) (<https://catalog.cccd.edu/orange-coast/pathways/social-science-humanities/global-studies/global-studies-associate-arts-degree-transfer-aat/>)

## **Heating, Ventilation, Air Conditioning and Refrigeration (HVACR)**

- Heating, Ventilation, Air Conditioning and Refrigeration (HVACR), Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/heating-ventilation-air-conditioning-refrigeration/heating-ventilation-air-conditioning-refrigeration-associate-science-degree/>)
- Heating, Ventilation, Air Conditioning and Refrigeration (HVACR), Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/heating-ventilation-air-conditioning-refrigeration/heating-ventilation-air-conditioning-refrigeration-certificate-achievement/>)

## **History**

- History, Associate in Arts Degree for Transfer (AA-T) (<https://catalog.cccd.edu/orange-coast/pathways/social-science-humanities/history/history-associate-arts-degree-transfer-aat/>)

## **Horticulture**

- Advanced Landscape Design and Landscape Specialist, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/horticulture/advanced-landscape-design-landscape-specialist-certificate-specialization/>)
- Basic Landscape Design, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/horticulture/basic-landscape-design-coa/>)
- Horticulture, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/horticulture/horticulture-associate-science-degree/>)
- Horticulture, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/horticulture/horticulture-certificate-achievement/>)
- Intermediate Landscape Design and Construction Specialist, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/horticulture/intermediate-landscape-design-specialist-coa/>)
- Landscape Site Design Elements, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/horticulture/landscape-site-design-elements-certificate-specialization/>)

- Retrofitting California Urban Gardens, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/horticulture/retrofitting-california-urban-gardens-coa/>)
- The Professional Practice of a Landscape Design & Construction Business, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/horticulture/professional-practice-landscape-design-construction-business-certificate-specialization/>)

## **Hospitality, Travel, and Tourism**

- Airline Travel Management, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/hospitality-travel/airline-travel-management-certificate-achievement/>)
- Flight Attendant and Airline and Travel Careers, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/hospitality-travel/flight-attendant-airline-travel-careers-associate-science-degree/>)
- Flight Attendant and Airline and Travel Careers, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/hospitality-travel/flight-attendant-airline-travel-careers-certificate-achievement/>)
- Front Office Specialist, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/hospitality-travel/front-office-specialist-certificate-achievement/>)
- Hotel Management, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/hospitality-travel/hotel-management-associate-science-degree/>)
- Human Resource Management, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/hospitality-travel/human-resource-management-associate-science-degree/>)
- Human Resource Management, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/hospitality-travel/human-resource-management-certificate-achievement/>)
- Meeting and Event Management, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/hospitality-travel/meeting-event-management-associate-science-degree/>)
- Meeting and Event Management, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/hospitality-travel/meeting-event-management-certificate-achievement/>)
- Sales and Marketing Specialist, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/hospitality-travel/sales-marketing-specialist-associate-science-degree/>)
- Sales and Marketing Specialist, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/hospitality-travel/sales-marketing-specialist-certificate-achievement/>)
- Travel Specialist, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/hospitality-travel/travel-specialist-associate-science-degree/>)
- Travel Specialist, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/hospitality-travel/travel-specialist-certificate-achievement/>)

## Information Technology

- Information Technology Security, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/information-technology/information-technology-security-certificate-specialization/>)
- Network Professional, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/information-technology/network-professional-certificate-achievement/>)
- Network Technician, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/information-technology/network-technician-coa/>)
- Virtualization and Cloud Computing, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/information-technology/virtualization-cloud-computing-certificate-achievement/>)

## Integrative Health

- Integrative Health Coach, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/integrative-health/integrative-health-coach-associate-science-degree/>)
- Integrative Health Coach, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/integrative-health/integrative-health-coach-certificate-achievement/>)

## Interior Design

- Interior Design - Digital Design Communication, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/interior-design/interior-design-digital-design-communication-certificate-achievement/>)
- Interior Design - Kitchen and Bath Advanced, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/interior-design/kitchen-bath-advanced-cos/>)
- Level 1 - Interior Merchandising, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/interior-design/level-1-interior-merchandising-certificate-achievement/>)
- Level 2 - Interior Design Assistant, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/interior-design/level-2-interior-design-assistant-associate-science-degree/>)
- Level 3 - Interior Design Professional, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/interior-design/level-3-interior-design-professional-certificate-achievement/>)

## Journalism

- Journalism, Associate in Arts Degree (<https://catalog.cccd.edu/orange-coast/pathways/language-communication/journalism/journalism-associate-arts-degree/>)
- Journalism, Associate in Arts Degree for Transfer (AA-T) (<https://catalog.cccd.edu/orange-coast/pathways/language-communication/journalism/journalism-associate-arts-degree-transfer-aat/>)

## Kinesiology

- Adapted Kinesiology, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/kinesiology-fitness-wellness-sports-athletic-performance/kinesiology/adapted-kinesiology-certificate-specialization/>)

<https://catalog.cccd.edu/orange-coast/pathways/kinesiology-fitness-wellness-sports-athletic-performance/kinesiology/adapted-kinesiology-certificate-specialization/>)

- Athletic Training Level 1, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/kinesiology-fitness-wellness-sports-athletic-performance/kinesiology/athletic-training-level-1-certificate-achievement/>)
- Athletic Training Level 2, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/kinesiology-fitness-wellness-sports-athletic-performance/kinesiology/athletic-training-level-2-certificate-achievement/>)
- Athletics Coaching, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/kinesiology-fitness-wellness-sports-athletic-performance/kinesiology/athletics-coaching-certificate-achievement/>)
- Fitness Specialist: Health Fitness Instructor/Personal Trainer, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/kinesiology-fitness-wellness-sports-athletic-performance/kinesiology/fitness-specialist-associate-science-degree/>)
- Fitness Specialist: Health Fitness Instructor/Personal Trainer, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/kinesiology-fitness-wellness-sports-athletic-performance/kinesiology/fitness-specialist-certificate-achievement/>)
- Kinesiology, Associate in Arts Degree for Transfer (AA-T) (<https://catalog.cccd.edu/orange-coast/pathways/kinesiology-fitness-wellness-sports-athletic-performance/kinesiology/kinesiology-associate-arts-degree-transfer-aat/>)
- Yoga Instructor Training, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/kinesiology-fitness-wellness-sports-athletic-performance/kinesiology/yoga-instructor-training-coa/>)

## Leadership Studies

- Leadership Studies, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/leadership-studies/leadership-studies-coa/>)

## Management

- Management and Leadership Studies, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/management/management-leadership-studies-associate-science-degree/>)
- Management and Leadership Studies, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/management/management-leadership-studies-certificate-achievement/>)
- Management Institute, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/management/management-institute-coa/>)
- Retail, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/management/retail-associate-science-degree/>)
- Retail, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/management/retail-certificate-achievement/>)

## Manufacturing Technology

- CNC Machine Operator, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/>)

manufacturing-technology/cnc-machine-operator-associate-science-degree/)

- CNC Machine Operator, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/manufacturing-technology/cnc-machine-operator-certificate-achievement/>)
- CNC Machine Programmer, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/manufacturing-technology/cnc-machine-programmer-associate-science-degree/>)
- CNC Machine Programmer, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/manufacturing-technology/cnc-machine-programmer-certificate-achievement/>)
- CNC Operator, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/manufacturing-technology/cnc-operator-coa/>)
- CNC Programmer, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/manufacturing-technology/cnc-programmer-coa/>)
- Machinist, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/manufacturing-technology/machinist-associate-science-degree/>)
- Machinist, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/manufacturing-technology/machinist-certificate-achievement/>)
- Tooling, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/manufacturing-technology/tooling-associate-science-degree/>)
- Tooling, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/manufacturing-technology/tooling-certificate-achievement/>)

## Marine Science

- Applied Ocean Science and Technology, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/marine-science/applied-ocean-science-and-technology-associate-science-degree/>)
- Aquarium Science, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/marine-science/aquarium-science-certificate-achievement/>)
- Marine Conservation & Monitoring, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/marine-science/marine-conservation-monitoring-certificate-achievement/>)
- Marine Mammal Field Studies and Conservation, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/marine-science/marine-mammal-field-studies-and-conservation-certificate-achievement/>)
- Marine Science, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/marine-science/marine-science-associate-science-degree/>)

## Marketing

- Advertising, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/marketing/advertising-coa/>)

- Entry Level Marketing, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/marketing/entry-level-marketing-coa/>)
- General Marketing, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/marketing/general-marketing-associate-science-degree/>)
- General Marketing, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/marketing/general-marketing-certificate-achievement/>)
- International Business, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/marketing/international-business-associate-science-degree/>)
- International Business, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/marketing/international-business-certificate-achievement/>)
- International Business, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/marketing/international-business-certificate-specialization/>)
- Sales, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/marketing/sales-coa/>)

## Mathematics

- Mathematics, Associate in Science Degree for Transfer (AS-T) (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/mathematics/mathematics-associate-science-degree-transfer-ast/>)

## Medical Assisting

- Medical Assisting CCMA Eligible Program, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/medical-assisting/ccma-eligible-program-associate-science-degree/>)
- Medical Assisting CCMA Eligible Program, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/medical-assisting/ccma-eligible-program-certificate-achievement/>)

## Music

- Business Employee, Associate in Arts Degree (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/music/business-employee-associate-arts-degree/>)
- Business Employee, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/music/business-employee-certificate-achievement/>)
- MIDI Applications, Associate in Arts Degree (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/music/midi-applications-associate-arts-degree/>)
- MIDI Applications, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/music/midi-applications-certificate-achievement/>)
- Music, Associate in Arts Degree (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/music/music-associate-arts-degree/>)

- Music, Associate in Arts Degree for Transfer (AA-T) (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/music/music-associate-arts-degree-transfer-aat/>)

## **Natural Science**

- Natural Science, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/natural-science/natural-science-associate-science-degree/>)

## **Neurodiagnostic Technology**

- Neurodiagnostic Technology, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/neurodiagnostic-technology/neurodiagnostic-technology-associate-science-degree/>)

## **Nutrition and Dietetics**

- Dietetic Service Supervisor/Certified Dietary Manager, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/nutrition-dietetics/dietetic-service-supervisor-certified-dietary-manager-certificate-achievement/>)
- Nutrition and Dietetics Technician, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/nutrition-dietetics/nutrition-dietetics-technician-associate-science-degree/>)
- Nutrition and Dietetics, Associate in Science Degree for Transfer (AS-T) (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/nutrition-dietetics/nutrition-dietetics-associate-science-degree-transfer-ast/>)
- Nutrition and Fitness Education, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/nutrition-dietetics/nutrition-fitness-education-certificate-achievement/>)
- Nutrition Education, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/nutrition-dietetics/nutrition-education-associate-science-degree/>)
- Nutrition Education, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/nutrition-dietetics/nutrition-education-certificate-achievement/>)

## **Philosophy**

- Philosophy, Associate in Arts Degree for Transfer (AA-T) (<https://catalog.cccd.edu/orange-coast/pathways/social-science-humanities/philosophy/philosophy-associate-arts-degree-transfer-aat/>)

## **Photography**

- Basic Drone Imaging Skills, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/photography/basic-drone-imaging-skills-certificate-achievement/>)
- Digital SLR Photography and Videography Technician, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/photography/digital-slr-photography-videography-technician-certificate-achievement/>)
- Drone Photography, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/photography/drone-photography-certificate-achievement/>)

- Drone Videography, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/photography/drone-videography-certificate-achievement/>)
- Photography Digital Technician, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/photography/photography-digital-technician-certificate-achievement/>)
- Photography-Still, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/photography/photography-still-associate-science-degree/>)
- Photography-Still, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/photography/photography-still-certificate-achievement/>)

## **Physics**

- Physics, Associate in Science Degree for Transfer (AS-T) (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/physics/physics-associate-science-degree-transfer-ast/>)

## **Polysomnographic Technology**

- Polysomnographic Technology, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/polysomnographic-technology/polysomnographic-technology-associate-science-degree/>)
- Polysomnography, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/polysomnographic-technology/polysomnographic-technology-coa/>)

## **Professional Mariner**

- Professional Mariner, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/professional-mariner/professional-mariner-associate-science-degree/>)
- Professional Mariner, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/professional-mariner/professional-mariner-certificate-achievement/>)

## **Psychology**

- Psychology, Associate in Arts Degree for Transfer (AA-T) (<https://catalog.cccd.edu/orange-coast/pathways/social-science-humanities/psychology/psychology-associate-arts-degree-transfer-aat/>)

## **Public Health**

- Public Health - General Studies, Associate in Arts Degree (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/public-health/public-health-general-studies-associate-arts-degree/>)
- Public Health Science, Associate in Science Degree for Transfer (AS-T) (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/public-health/public-health-science-associate-science-degree-transfer-ast/>)
- Public Health, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/public-health/public-health-coa/>)



## **Radiologic Technology**

- Advanced Clinical Practice, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/radiologic-technology/advanced-clinical-practice-certificate-specialization/>)
- Imaging Assistant, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/radiologic-technology/imaging-assistant-coa/>)
- Radiologic Technology, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/radiologic-technology/radiologic-technology-associate-science-degree/>)

## **Real Estate**

- Real Estate-Broker, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/real-estate/real-estate-broker-associate-science-degree/>)
- Real Estate-Broker, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/real-estate/real-estate-broker-certificate-achievement/>)
- Real Estate-Sales Agent, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/business-management-entrepreneurship/real-estate/real-estate-salesperson-certificate-specialization/>)

## **Religious Studies**

- Religious Studies, Associate in Arts Degree (<https://catalog.cccd.edu/orange-coast/pathways/social-science-humanities/religious-studies/religious-studies-associate-arts-degree/>)

## **Respiratory Care**

- Respiratory Care, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/respiratory-care/respiratory-care-associate-science-degree/>)

## **Sociology**

- Sociology, Associate in Arts Degree for Transfer (AA-T) (<https://catalog.cccd.edu/orange-coast/pathways/social-science-humanities/sociology/sociology-associate-arts-degree-transfer-aat/>)

## **Speech-Language Pathology Assistant**

- Speech-Language Pathology Assistant, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/speech-language-pathology-assistant/speech-language-pathology-assistant-associate-science-degree/>)

## **Theatre Arts**

- Theatre Arts, Associate in Arts Degree (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/theatre-arts/theatre-arts-associate-arts-degree/>)
- Theatre Arts, Associate in Arts Degree for Transfer (AA-T) (<https://catalog.cccd.edu/orange-coast/pathways/visual-arts-design-performing-arts/theatre-arts/theatre-arts-associate-arts-degree-transfer-aat/>)

## **Welding Technology**

- Advanced I Welding (FCAW), Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/welding-technology/advanced-welding-fcaw-certificate-specialization/>)
- Advanced II Welding (FCAW), Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/welding-technology/advanced-ii-welding-fcaw-certificate-specialization/>)
- Advanced Welding (SMAW), Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/welding-technology/advanced-welding-smaw-certificate-specialization/>)
- Basic Welding (SMAW), Skill Certificate (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/welding-technology/basic-welding-smaw-skill-certificate/>)
- Gas Metal Arc Welding (GMAW), Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/welding-technology/gas-metal-arc-welding-gmaw-certificate-specialization/>)
- Gas Tungsten Arc Welding (GTAW), Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/welding-technology/gas-tungsten-arc-welding-gtaw-certificate-specialization/>)
- Intermediate Welding (SMAW), Skill Certificate (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/welding-technology/intermediate-welding-smaw-skill-certificate/>)
- Orbital Welding, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/welding-technology/orbital-welding-certificate-specialization/>)
- Pipe, Certificate of Specialization (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/welding-technology/pipe-certificate-specialization/>)
- Welding Technology, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/welding-technology/welding-technology-associate-science-degree/>)
- Welding Technology, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/welding-technology/welding-technology-certificate-achievement/>)

## **Noncredit**

### **Allied Health**

- Allied Health Program Readiness, Certificate of Competency (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/allied-health/allied-health-program-readiness-certificate-competency/>)
- Personal Care Aide Noncredit, Certificate of Completion (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/allied-health/personal-care-aide-noncredit-certificate-completion/>)
- Skills Enhancement for Consumer and Health Sciences, Certificate of Completion (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/allied-health/skills-enhancement-consumer-health-sciences-certificate-completion/>)

### **Architecture**

- FrameCAD Steel Design NC, Certificate of Completion (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit->)

certificate-programs/architecture/framecad-steel-design-nc-certificate-completion/)

- FrameCAD Steel Production NC, Certificate of Completion (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/architecture/framecad-steel-production-nc-certificate-completion/>)
- Micro-Structure Design Technology Noncredit, Certificate of Completion (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/architecture/micro-structure-design-technology-noncredit-certificate-completion/>)

## **Business**

- Not-for-Profit Management, Certificate of Completion (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/business/not-for-profit-management-certificate-completion/>)

## **Chemistry**

- Chemistry Skills, Certificate of Competency (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/chemistry/chemistry-skills-certificate-competency/>)

## **Computer & High Technology**

- Computer Basics, Certificate of Completion (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/computer-high-technology/computer-basics-certificate-completion/>)

## **Consumer Studies**

- Customer Service for the Retail Industry, Certificate of Completion (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/consumer-health-sciences/customer-service-retail-industry-certificate-completion/>)
- Hospitality and Tourism, Certificate of Completion (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/consumer-health-sciences/hospitality-and-tourism-certificate-completion/>)

## **English**

- Academic Preparation in English, Certificate of Competency (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/english/academic-preparation-english-certificate-competency/>)

## **English as a Second Language**

- ESL Support for Freshman Composition, Certificate of Competency (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/english-second-language/esl-support-freshman-composition-certificate-competency/>)

## **English Language Learning**

- Advanced English Language Skills, Certificate of Competency (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/english-language-learning/advanced-english-language-skills-certificate-competency/>)
- Developmental English Language Skills, Certificate of Competency (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/>)

noncredit-certificate-programs/english-language-learning/developmental-english-language-skills-certificate-competency/)

- Emergent English Language Skills, Certificate of Competency (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/english-language-learning/emergent-english-language-skills-certificate-competency/>)
- English Language Learning for Career Development, Certificate of Competency (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/english-language-learning/english-language-learning-career-development-certificate-competency/>)
- English Language Learning for Transition to Academics, Certificate of Competency (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/english-language-learning/english-language-learning-transition-to-academics-certificate-competency/>)
- English Language Learning Support for Parents, Certificate of Competency (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/english-language-learning/english-language-support-parents-certificate-competency/>)
- English Language Support for U.S. Citizenship, Certificate of Competency (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/english-language-learning/english-language-support-us-citizenship-certificate-competency/>)
- Grammar Review, Certificate of Competency (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/english-language-learning/grammar-review-certificate-competency/>)

## **Kinesiology**

- Lifeguard Training, Professional Rescue, Certificate of Completion (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/kinesiology/lifeguard-training-professional-rescue-certificate-completion/>)
- Yoga Instructor Training, Certificate of Completion (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/kinesiology/yoga-instructor-training-certificate-completion/>)

## **Mathematics**

- Math Skills Development, Certificate of Competency (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/mathematics/math-skills-development-certificate-competency/>)

## **Tutoring**

- Tutoring Skills and Strategies, Certificate of Completion (<https://catalog.cccd.edu/orange-coast/pathways/find-pathway/noncredit-certificate-programs/tutoring/tutoring-skills-strategies-certificate-completion/>)