



ROUGH DRAFT 20 APRIL 2021



CERTIFY *Your* CAREER

Certificate programs at Chabot College:
Start a new career in less than a year!

- » Automotive
- » Business
- » Digital Media/
Photography
- » Early Childhood
Development
- » Engineering
- » Information Technology
- » Office Administration
- » Real Estate
- » And More!



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INTRODUCTION

Chabot College: Year to Career

We must all efficiently operationalize our strategies. Invest in world-class technology and leverage our core competencies in order to holistically administrate exceptional synergy. We'll set a brand trajectory using management philosophy, advance our market share vis-à-vis our proven methodology with strong commitment to quality effectively enhancing corporate synergy, transitioning our company, by awareness of functionality, promoting viability, providing our supply chain with diversity. We will distill our identity through client-centric solutions and synergy.

At the end of the day we must monetize our assets. The fundamentals have changed. Can you visualize a value-added experience? That will grow the business infrastructure and monetize our assets.

Bringing to the table our capitalized reputation, proactively overseeing day-to-day operations, services and deliverables with cross-platform innovation networking, soon will bring, seamless integration. Robust and scalable, bleeding-edge and next-generation best of breed. We'll succeed In achieving globalization.

And gaining traction with our resources in the marketplace, it's mission-critical to stay incentivized. Our business plan will foster flexible solutions for our customer base. If you can't think outside the box, you'll be downsized. It's a paradigm shift!

For more information, visit us online at:
https://www.youtube.com/watch?v=GyV_UG60dD4

HEALTH & WELLNESS



MEDICAL/HEALTH



Medical Assisting

Certificate of Achievement | 34 units

Graduates of the Medical Assisting programs at Chabot College will have an opportunity to apply for employment as Medical Assistants in an ambulatory care setting. Job titles include medical assistant, medical receptionist, certified medical assistant, scheduler, and medical office assistant. According to 2019 Labor Market Data report, there will be a 14% increase in annual openings for medical assistants from 2018 to 2023 in the Bay Area Region.

Health Care Administrator

Certificate of Achievement | 18 units

Employment of healthcare occupations is projected to grow 18 percent from 2016 to 2026, much faster than the average for all occupations adding 2.4 million new jobs. This growth is mainly due to an aging population, leading to greater demand for healthcare services. Simply put, there are great healthcare management opportunities for qualified candidates. Chabot's Healthcare Management program is the only program of its type among community colleges in the Bay Area. The program is specifically designed for those currently working in any healthcare position that would like to advance into management. It's also very helpful for those working outside of healthcare, but in relevant fields such as accounting, information technology, secretarial or office management, social work, human resources, and other fields that would like to transition to the rapidly growing field of healthcare.

Health Information Coding

Certificate of Achievement | 31 units

A Health Information Medical Coder is an individual who analyzes medical records and assigns codes to index diagnoses and produces to support clinical care; to assist medical research in hospitals, physician's offices, clinics and other health care facilities; and to provide information for reimbursement purposes. Codes are used by institutions for quality assurance activities and case mix management. A Health Information Medical Coder is an important member of the health care team and contributes in varied health care settings, both inpatient and outpatient. Per December 2019 LMI data, there are approximately 3,710 annual openings in the Bay Region and 1,019 annual opening in the East Bay Sub-region. Careers include Medical Records and Health Information Technicians, Medical Secretaries and Data Entry Keyers.



DENTAL HYGIENE



Dental Radiation Safety

Certificate of Achievement | 30.5 Units

The X-Ray Certificate will allow students who successfully complete the first year of the Dental Hygiene Program Curriculum to be able to take x-rays and work as a Dental Assistant in a dental office. Students must be enrolled in the Dental Hygiene Program. "In California, the number of Dental Assistants is expected to grow much faster than average growth rate for all occupations. Jobs for Dental Assistants are expected to increase by 16.5 percent, or 8,100 jobs between 2016 and 2026." Source: EDD/LMID Projections of Employment by Occupation.



FITNESS



Fitness Instructor

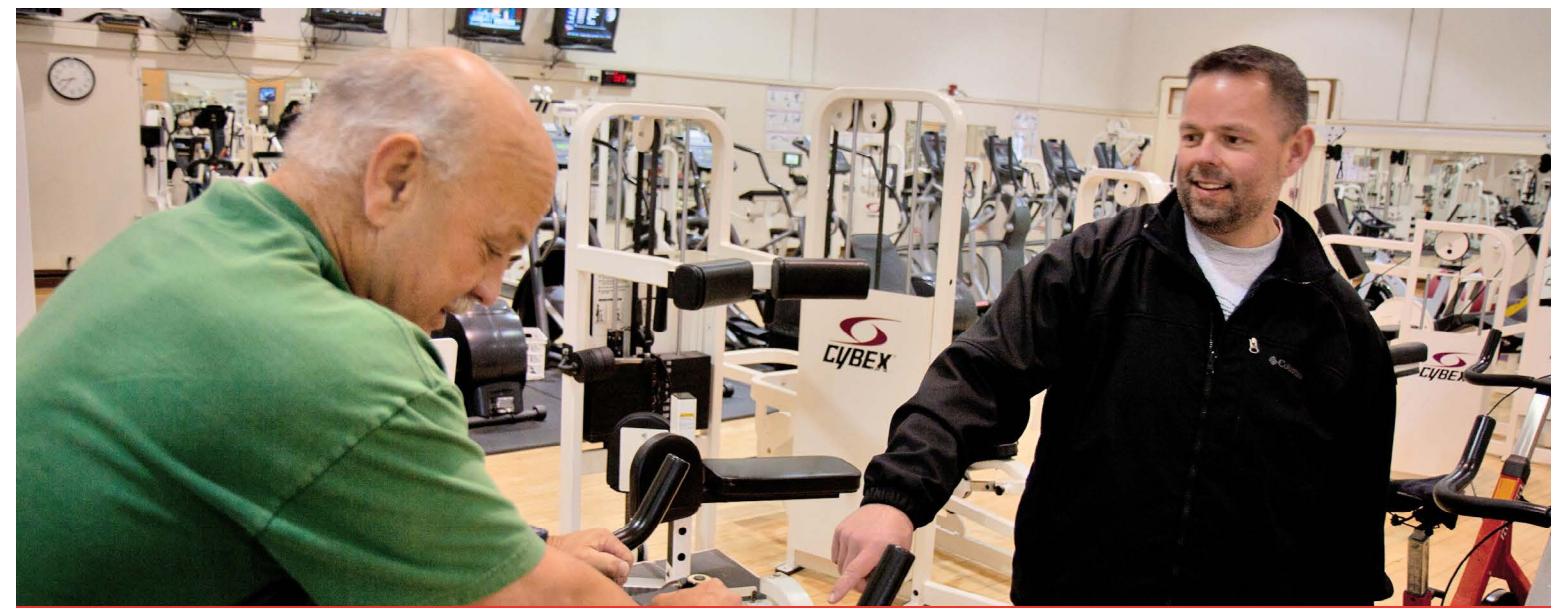
Certificate of Achievement | 26 units

Graduates of this program will be qualified to work as professionals as a personal trainer and/or group exercise instructor. Successful completion of this certificate of achievement will gain the knowledge needed to prepare them to take industry standard national certifications such as ACE (American Council on Exercise), ACSM (American College of Sports Medicine), and NASM (National Academy of Sports Medicine).

Pathway to Sports Injury Care

Certificate of Achievement | 21 Units

This program combines academic, laboratory and clinical experience to prepare students for further study or to obtain employment as an entry-level rehabilitation/allied health care professional. Completing this certificate may facilitate the student's transfer to a four-year college and/or professional program specializing in the areas of athletic training or physical therapy.



PUBLIC AND COMMUNITY HEALTH



Behavioral Health

Certificate of Achievement | 16-18 Units

This program is designed to provide entry-level skills to work in human service positions and/or provide an applied foundation for further education in a variety of industries, including (but not limited to) counseling, psychology, social work, social justice work, and health care. Some job titles for positions in the Social and Human Service Assistant job category include: advocate, outreach specialist, community coordinator, social services coordinator, case management assistant, human services assistant, resource coordinator, social services assistant, independent living skills specialist, youth advocate, case worker, shelter advocate, community support specialist. Occupational demand in the East Bay for employees in this sector during 2018-23 is projected to grow 12%, with approximately 2,511 openings. The median hourly wage is \$20 per hour.



ARTS & DESIGN



APPLIED ARTS



Applied Ceramics

Certificate of ??? ??? ??? | 19 Units

Based on all available data, there appears to be an under-supply of Applied Design workers in the Bay Area. Career Opportunities include work in the field Applied Ceramic Design. Job titles include: Molders, Shapers, Casters, Potters, Sculptors and Craft Artists. Demand will increase over the next 5 years for Molders, Shapers, and Casters by 4%; demand over the next 5 years for Sculptor and Potter will increase by 2%. The highest rise in demand over the next 5 years is for Craft Artists at 7%.



ARCHITECTURE & INTERIOR DESIGN



Architecture

Certificate of Achievement | 38 Units

This certificate of achievement is designed to prepare students for employment with Architects, Landscape Architects, Developers, Interior Designers, General Contractors, Building Material Specification, Historic Preservation, Government Agencies, Civil Engineer and Structure Engineer. It is also designed as basic coursework for transferring into advanced degree programs in architecture and related fields.

Interior Design (Residential)

Certificate of Achievement | 40 units

This certificate prepares students to design and focus on residential solutions to real design problems. The certificate emphasizes space planning, creative problem-solving, communication skills, knowledge of building materials and construction, furnishings, presentation, conventional and computer aided design drafting, and the history of design.

Kitchen and Bath Design

Certificate of Achievement | 31 units

The Interior Design Program works closely with NKBA to assure adherence to kitchen and bathroom guidelines and accessibility standards. The COA in Kitchen and Bathroom specifically promotes program development in terms of successful course completion, alternative basic skills and enhanced workforce development. Furthermore, the completion of our course requirements for the COA in Kitchen and Bathroom, will prepare students for the Associate Kitchen & Bath Designer (AKBD) exam, which will facilitate a smooth transition between academia and the workforce. Many of the students studying Interior Design at Chabot College are student members of the NKBA Northern California Chapter. Our program strongly supports our students to attend the monthly NKBA Chapter meetings which fosters the development of the Kitchen Bathroom industry network.

COMMERCIAL MUSIC



Audio Recording

Certificate of Achievement | 16 Units

Completion of this certificate, while not a requirement to entry into the music industry, will provide students with a solid foundation for primarily freelance and project-based work. This includes but is not limited to the following areas: music recording, music mixing, audio editing, and live concert sound reinforcement. With Labor market research showing an undersupply of Audio Recording workers, teaching students foundations for relevant vocational training in the new music industry guides their chances towards filling employment positions. As such, the Music Recording & Technology program at Chabot College seeks to provide students with a broad, dynamic package of courses and completion options. This will provide the best possible points of departure for becoming our future sound engineering technicians, Audio/Video equipment technicians and a wide variety of other audio career pathways that are in need in today's music industry.

Music Production

Certificate of Achievement | 16 Units

Career opportunities for which this program would provide include, but are not limited to: music producer/composer, sound design, game audio, audio for visual media and performing musician from which labor market research shows is undersupply with an annual gap of about 589 students in the Bay region and 134 students in the East Bay Sub-Region. Career opportunities are largely freelance or project-based.

DIGITAL MEDIA/ PHOTOGRAPHY



Graphic Design

Certificate of Achievement | 21 units

Graphic designer, Web designer, UI designer, Art director, Creative director, Marketing specialist, Software applications designer, Marketing content creator, Public relations designer, Multimedia artist, Commercial designer, Industrial designers, Mobile designer, UI Designer, Social media designer, Publishing Designer. Labor market information suggests growth in the graphic design, and multimedia art industries between 3-9% in the next 5 years in the east bay sub-region and surrounding Bay Area.

Animation

Certificate of Achievement | 18 units

Students earning this certificate will be prepared for entry level positions as Filmmaker, Animator, Storyboard Artist, Animation Artist, Concept Artist, Character Artist, 3D Modeler, Videographer, Film Editor, Motion Graphics Designer, Producer, Director, Creative Director, Art Director, Production Coordinator. Labor market information suggests 6% growth in animation and multimedia arts with a higher median hourly wage than other digital media industries.

Filmmaking

Certificate of Achievement | 16 units

Students earning this certificate will be prepared for entry level positions as Camera Operator, Cinematographer, Director of Photography, Producer, Editor, Director, Videographer, Animator, Production Coordinator, Visual Storyteller, Digital Storyteller, and Social Video Producer, Motion Graphics Editor. Labor market information suggests 10% growth in video editing in the Bay Area region, 5% growth in camera operation, and 9% growth in producing and directing multimedia content.

Digital Photography

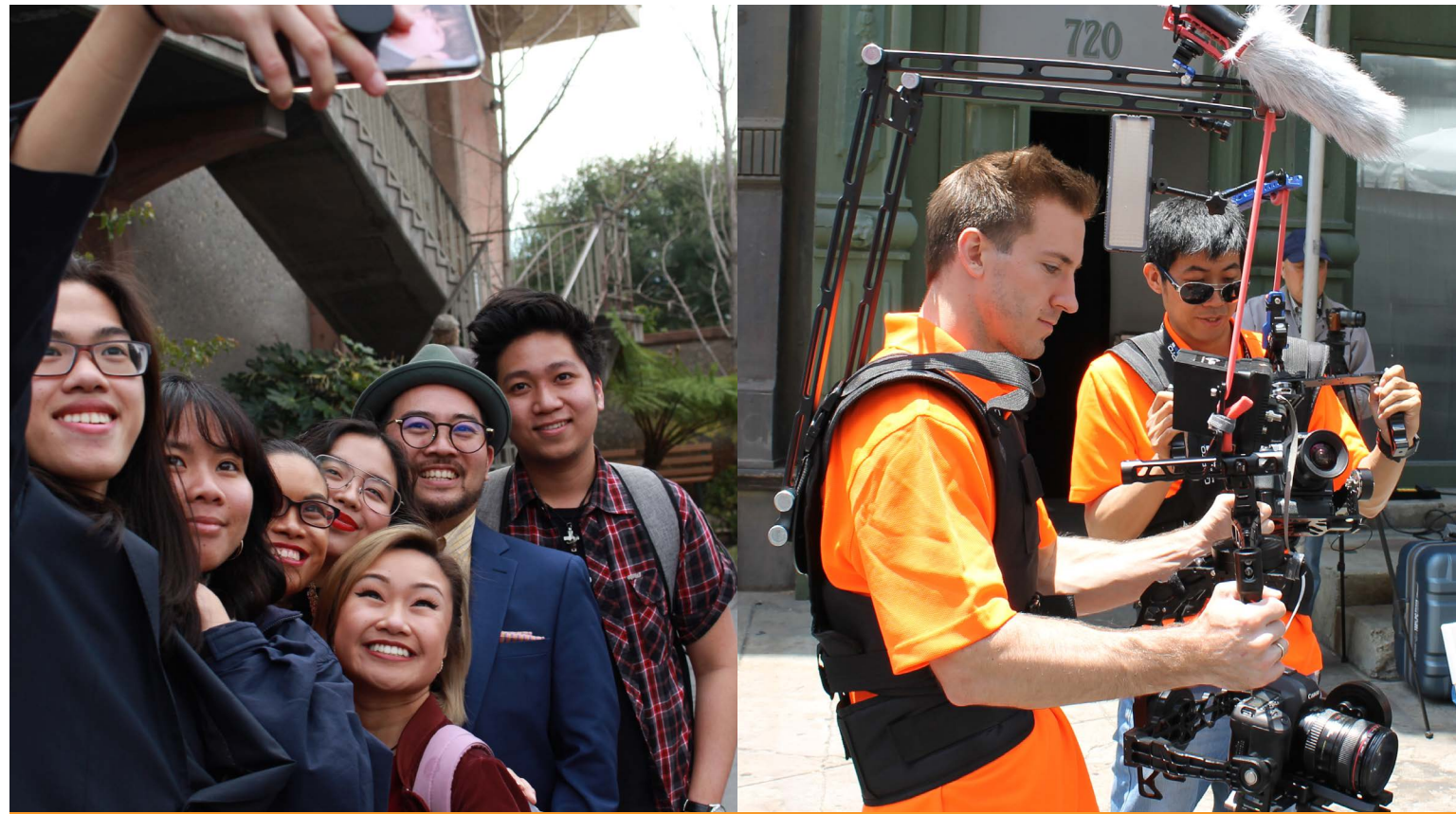
Certificate of Achievement | 19.5 units

Students earning this certificate will be prepared for entry level positions as Architectural Photographer, Commercial Photographer, Corporate Photographer, Industrial Photographer, Photojournalist, Portrait Photographer, Scientific Photographer

Digital Media Arts

Certificate of Achievement | 18 units

Students earning this certificate will be prepared for entry level positions as graphic designer, Web designer, UI designer, Art director, Creative director, Marketing specialist, Software applications designer, Marketing content creator, Public relations designer, Multimedia artist, Commercial designer, Industrial designers, Mobile designer, UI Designer, Social media designer, Publishing Designer. Labor market information suggests 6% growth in multimedia arts with a significant increase in the median hourly wage in the Bay Area region.



INFORMATION TECHNOLOGY

Information Technology

Certificate of Achievement | 22 units

Retail Salesperson, Customer Service Representative, Computer User Support Specialist, Computer Network Support Specialist, Network and Computer Systems Administrators, Computer Systems Analyst, Information Security Analyst.

Software Specialist

Certificate of Achievement | 21 units

Computer Operator, Data Entry, Digital Specialist, Technical Analyst, Web Designer, Illustrator, Digital Editor.



THEATER



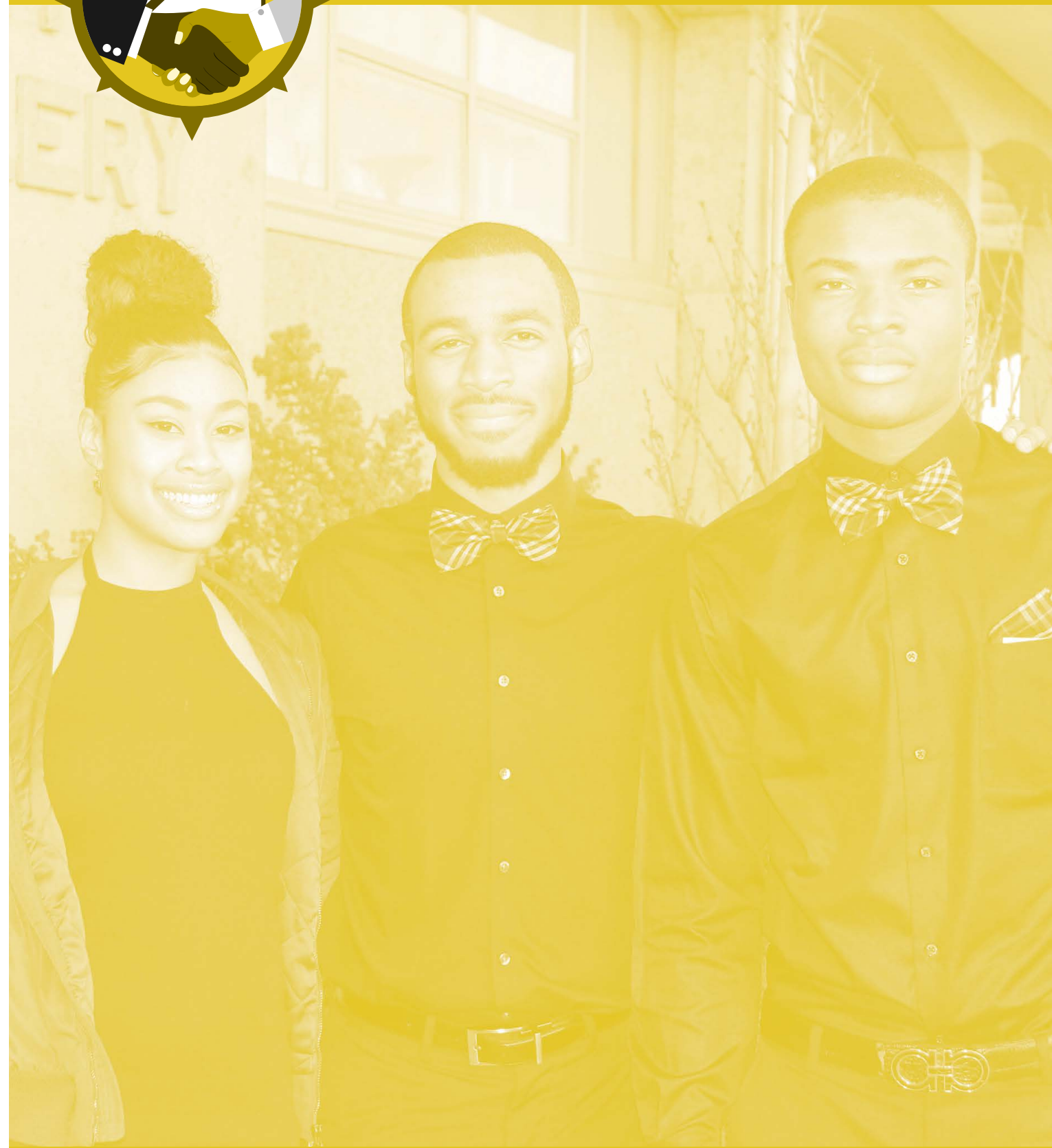
Technical Theater

Certificate of Achievement | 23 Units

According to LMI data from April 2019, there is an undersupply of Technical Theater workers in the Bay Area with projections of increased demand in the coming years. Industries hiring Technical Theater workers in the Bay Area include motion picture and video production, theater companies, television broadcasting and colleges and universities. Employment demand shows particular needs in the areas of audio/video equipment technicians, set and exhibit designers and technical directors. Average compensation in these positions, with data that reflects the Bay Region, is about \$30/hr. Skills gained from completing the Technical Theater Certificate can lead to other work not reflected in LMI data. Builders in scene shops and exhibit/display companies, production assistants on film and television crews, stage managers for theater productions, riggers for concerts and other performance events, are all positions related to the skills learned.



BUSINESS & THE ECONOMY



BUSINESS/ MANAGEMENT



Business Administration

Certificate of Achievement | 18 units

This certificate is developed to prepare students for further study of business. All courses within the certificate are part of the Associate in Science degree in Business Administration transfer (AS-T). Thus, this curriculum completes more than a half of the undergraduate business major requirements for transfer to the CSU system. This curriculum prepares the student for further studies of business related programs or jobs that do not require degrees. The program provides a strong general business foundation for employment in business administration, accounting, management, marketing, or other business-related areas. This certificate provides a core curriculum for both employment in business and the further study of business.

Enrolled Agent (EA) Exam Preparation

Certificate of Proficiency | ??? units

Filler text. This is filler text from the text that fills up space so that it can show what will go here. Nothing important here. Oh bla dee oh bla dah. Savory truffle and glass onion. Everybody's got something to hide except for me and my monkey.



Human Resources Assistant

Certificate of Achievement | 21 - 22 units

Human resources assistants keep records of a company's employees. These records have facts, such as each worker's name, address, job title, pay, and health insurance benefits and other benefits. Every day, human resources assistants update information and answer questions about employees. They also may create reports for managers, help to hire workers, do research on the Internet to find qualified applicants for jobs, tell people about job openings, get information from job applicants about their education and work experience, give out tests and explain the company's rules, ask for references from present or past employers, call or write to applicants to tell them whether or not they got the job.

International Entrepreneur: Spanish, French, Chinese, Japanese

Certificate of Achievement | 20 units

Employment Outlook for Global Trade & Logistics and International Business and Trade Occupations: Entrepreneur, global trade and logistic worker, business consultant, business operations specialist, supply chain specialist, logistics analyst, human resource specialist, cargo and freight agent, shipping, receiving, purchasing, and traffic clerk, sales clerk.

Management

Certificate of Achievement | 18 - 19 units

This fast and flexible certificate is popular with currently employed students looking for a promotion to a supervisory or managerial position. It is also highly beneficial to current managers who wish to upgrade their skills and improve their chances for further promotion.

Marketing

Certificate of Achievement | 21 - 22 units

This flexible and quick certificate is popular among students who are searching for an entry-level position in marketing, sales, or advertising. It is also beneficial to people currently employed in the field who wish to upgrade and improve chances for further promotion. This certificate consists of only 7 classes and can be finished in 2-3 semesters attending college part-time * Online, hybrid, and on campus classes available. The certificate can be earned fully online.

Project Management

Certificate of Proficiency | 10units

The Project Management program prepares students to find employment as program

managers. The focus is on developing the skills to run projects from start to finish. Students learn both methodology and best practices. They will complete a review course to prepare for a certification examination.

Retailing

Certificate of Proficiency | 15 units

Entry level positions in retail supervision and management.

Retail Management

Certificate of Achievement | 25 units

Retail is a growing, fast-paced, and diverse industry with many opportunities for advancement. Careers are available in all areas of business and with over 42 million people employed, and responsible for 1 in 4 jobs in the United States. The certificate prepares students for managerial positions in retailing, merchandising, and distributing businesses.

Small Business Management

Certificate of Achievement | 19 units

The Small Business Management program will prepare you for a career in a small business. You may currently work in a small business. You may be interested in starting or purchasing your own business, joining a small family business, or working as an employee or a consultant to a small business. If your career interest in non-profit organizations, you'll also find the skills you develop in these courses to be very applicable to non-profit management. The program will develop the critical skills needed to successfully manage a small business: financial management, supervision, computerized accounting, and law. You can then customize your certificate with electives that best meet the needs of your small business by choosing electives/options you find most useful.

Tax Preparer

Certificate of Achievement | 19 Units

This certificate prepares students to start their own tax preparation business or to work as specialized tax preparers in CPA and EA firms. There is a projected gap in demand for 480 tax preparers in the Bay Area with 6% growth (10% in East Bay), 484 new job openings annually (110 new job in East Bay), and the medial hourly wage of \$30.56.



OFFICE ADMINISTRATION

Administrative Assistant

Certificate of Achievement | 21 units

The Administrative Assistant certificate prepares students to work in an office environment, in such positions as office managers, supervisors, administrative assistants, and clerks. These positions use a variety of office technology and computer-based applications (word processing, electronic mail, database, spreadsheets, presentation graphics), as well as such business skills as written and oral communications, accounting, basic payroll, team building, and leadership.

Bookkeeping

Certificate of Achievement | 20 units

The Bookkeeping program targets individuals who want to quickly enter the workforce. You will be employed in entry-level positions as bookkeepers, payroll clerks, and income tax clerks working for small businesses, including small accounting/taxation firms. Graduates of the program will have skills and knowledge of double-entry bookkeeping, completing journals, ledgers, payroll documents, tax forms, and bank statement reconciliations. In addition, graduates will become proficient in accounting and payroll software, including QuickBooks.

Accounting Technician

Certificate of Achievement | 27 units

The Accounting Technician certificate targets individuals that want to find entry-level accounting positions within accounts receivable and accounts payable departments, payroll units, income tax firms, or financial services organizations. With the certificate in Accounting Technician, jobs are available in just about every corporate business and non-profit organization.

REAL ESTATE



Real Estate Agent

Certificate of Proficiency | 9 units

This certificate affords students an opportunity to sit for the State of Calif. real estate licensing examination., allowing them to become a real estate sales agent.

Real Estate Broker

Certificate of Achievement | 25 - 26 units

This certificate affords students an opportunity to sit for the State of California real estate broker licensing examination, allowing them to become a real estate broker.



SCIENCE & MATHEMATICS



WOMEN IN ENGINEERING



ENGINEERING

Computational Design

Certificate of Achievement | 26 units

Completion of this certificate prepares students for a research assistant career with Industrial Engineering, manufacturing, research, and product design firms. This certificate is especially beneficial for students applying research apprenticeships, research & development firms, technology companies, and companies in need of employees proficient in MATLAB. This certificate gives a competitive advantage when applying to apprenticeships and entry level research positions and can increase their hourly wage earnings. Industrial engineering technicians positions are expected to grow by 12%, from 1189 to 1338 over the next five years.

Technical Design Drafting

Certificate of Achievement | 17 - 19 units

Completion of this certificate prepares students for a Design-Drafting career with Civil-Engineering, Building Design-Construction, and Electro-Mechanical Device firms. This certificate is especially beneficial for students applying for internships in manufacturing, construction, or design. According to Labor Market Information data, engineering technician positions are expected to grow from 2707 positions in 2017 to 2869 positions by 2022, an increase of 6%. Data also shows that demand for mechanical engineering technicians will also increase from 1127 to 1245 over the next five years, an increase of 10%.

SOCIETY, CULTURE & IDEAS



EARLY CHILDHOOD DEVELOPMENT



Early Childhood Development (Associate Teacher)

Certificate of Achievement | 16 units

Certificate completers will meet requirements to be a Teacher Assistant in various child care settings as well as meet all Preschool Teacher requirements for Community Care Licensing. There is substantial need for early childhood preschool teachers and teacher assistants and the job market can support these programs.

Early Childhood Development (Basic Teacher)

Certificate of Achievement | 25 units

Those who hold the Child Development Teacher Permit are authorized to provide service in the care, development and instruction of children in a child care and development program, and supervise an Associate Teacher, Assistant and an aide. Many early childhood development units are transferable to four-year institutions for elective credit, but a counselor should be consulted for specific transfer information.

Early Childhood Curriculum Specialist/Transitional Kindergarten

Certificate of Achievement | 25 units

Those who hold the Early Childhood Curriculum Specialist/Transitional Kindergarten Certificate of Achievement are authorized to provide service in Transitional Kindergarten teachers, preschool teachers, early childhood curriculum specialists.

Early Childhood Intervention Assistant

Certificate of Achievement | 29 units

The Early Childhood Intervention Assistant Certificate builds a foundation of understanding and skills for those interested in providing inclusive services to all children and families. The program meets the state competencies for an Early Childhood Intervention assistant; prepares students to specifically work with young

children birth to eight years of age who may have special needs; and provides the opportunity for students to participate in fieldwork experiences where they must apply learned theoretical models and early intervention methods in inclusive educational settings as well as special day classes that serve young children with disabilities.

Infant/Toddler Specialist

Certificate of Achievement | 26 units

All students who complete this certificate will be qualified to work as a preschool teacher; an infant/toddler teacher; an aide; and assistant teacher. Students who already hold a BA (in any subject) will qualify to earn a Site Supervisor Child Development Permit from the California Commission on Teacher Credentialing, and will be qualified to supervise infant/toddler sites.

Early Childhood Administration

Certificate of Achievement | 34 units

All those who complete this certificate will qualify to work as directors of a preschool according to Community Care Licensing, and will have the Early Childhood Education coursework needed to qualify for a Site Supervisor Child Development Permit from the California Commission on Teacher Credentialing. Those who already have a BA (in any subject) will qualify to earn the Program Director Child Development Permit.



Educational Aide

Certificate of Achievement | 25 units

This certificate provides students who want to work as a school aide, paraprofessional educator, after school aide or teacher assistant with essential knowledge and skills they need to work with diverse populations of students. In addition, a recipient will qualify under state licensing regulations to be a preschool teacher and will have the course work to earn the Associate Teacher California Child Development permit, giving them flexibility to work in preschool or K-12 settings.

Family Childcare Entrepreneurship

Certificate of Achievement | 19 units

Career opportunities are plenty. In CA predicted number of Child Care workers are estimated around 108,500. In the state of California there are 1,757,879 children younger than 6 years of age needing child care, as parents work) There are a total of 1,072,943 child care spaces and there are 1,757,879 children younger than 6 needing child care which represents a need for 684,936 spaces for child care in the state of California. Currently 64.6% of children are cared for in child care centers and 35.4% are cared for in family child care homes. (Supply and demand data are provided by the State CCR&R Network and are derived from CCR&R data, or by the state child care licensing office). Family Child Care homes are licensed to care for 6-15 children depending on the size of their homes and licensing requirements. Looking at these statistics in the state of California there is a need for 15,981 family child care homes in order to meet the needs of spaces for child care. (15 spaces per family child care home and that 35.4% of children are cared for in family child care homes).



FIRE TECHNOLOGY

Fire Technology

Certificate of Achievement | 47.5 units

Firefighter, Driver/Operator, Fire Company Officer, Ambulance EMT/Paramedic, Seasonal Wildland Firefighter, Forest and Conservation Technician, Forestry Aide, Cal Fire Fire Fighter I, and Public Safety Officer.

Firefighter 1 Academy

Certificate of Achievement | 38.5 units

Firefighter, Driver/Operator, Fire Company Officer, Ambulance EMT/Paramedic, Seasonal Wildland Firefighter, Forest and Conservation Technician, Forestry Aide, Cal Fire Fire Fighter I, and Public Safety Officer.

Fire Prevention Inspector

Certificate of Achievement | 27 units

Fire Inspector, Code Compliance Officer, Fire Marshal, Plans Examiner, Fire Protection Specialist, Community Risk Educator, Fire Prevention Specialist, and Public Safety Officer.



LAW ENFORCEMENT



Law Enforcement

Certificate of Achievement | 30 Units

The Law Enforcement certificate prepares students for an entry-level career as a Peace Officer in the state of California, Deputy Sheriff, State Trooper, Border Patrol Agent, Fish and Game Warden, as well as a Special jurisdiction Police Officer, including public college and university police forces and public school district police. The certificate also supports careers as a criminal investigator, detective, and supervisory positions. According to the US Bureau of Labor Statistics, law enforcement has a projected growth rate of 5% and the median annual salary for a police officer in California is \$63,380.



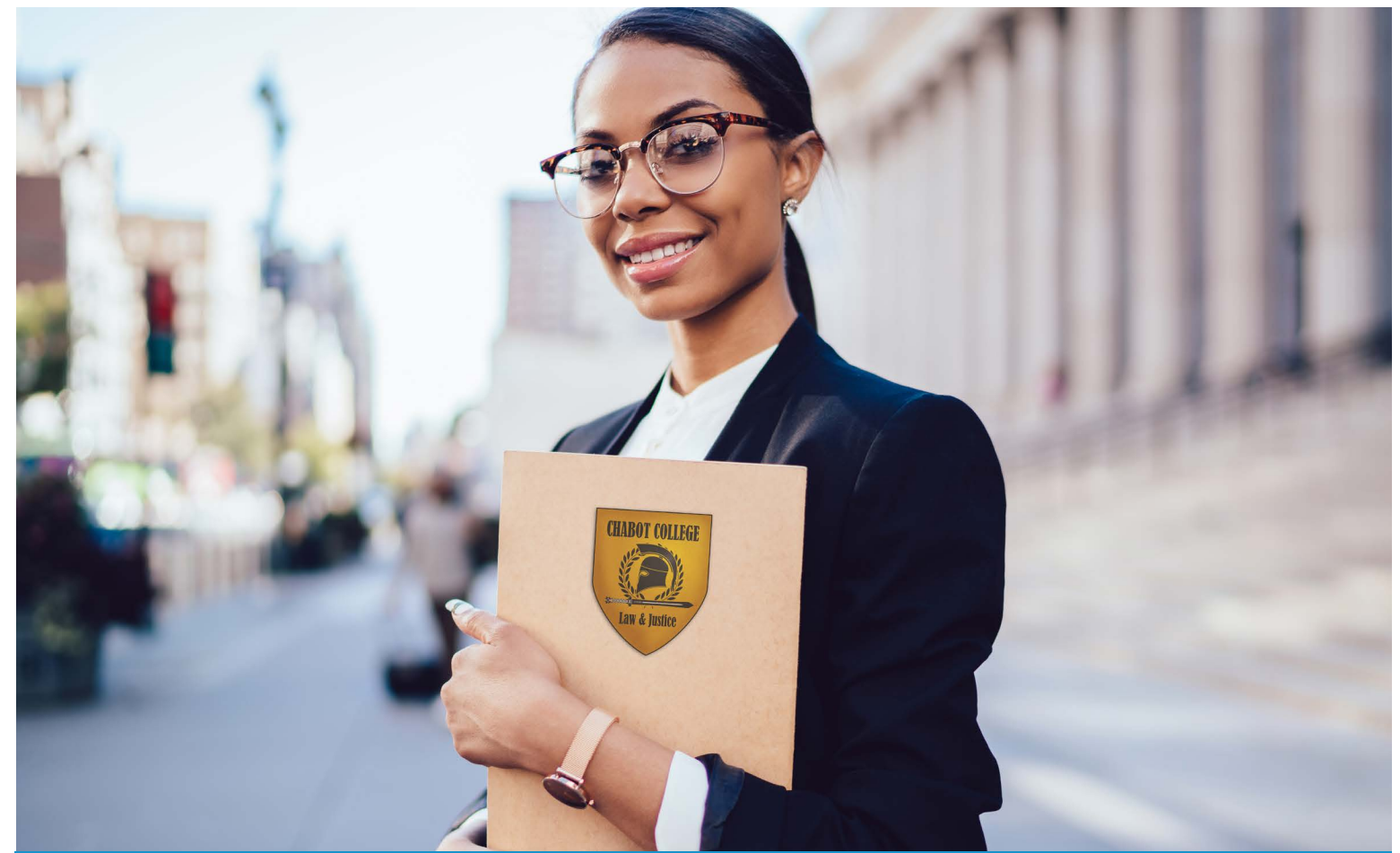
PARALEGAL



Paralegal Studies

Certificate of Achievement | 24 units

The Paralegal Program certificate will prepare students for careers as a: paralegal, legal assistant, research assistant.



INDUSTRIAL INFORMATION & APPLIED TECHNOLOGY



AUTOMOTIVE



Automotive Service Consulting *Certificate of Achievement | 12 units*

The automotive industry includes a broad scope of career opportunities. The Automotive Service Consultant course of study provides fundamental knowledge and experience to obtain employment in new car, retail chain, independently owned automotive service facilities, and related industries. Automotive Service Consultant can be either an initial career path or a transitional path for existing technicians or industry employees. This position can also provide future opportunities in management.

Automotive Maintenance Technology *Certificate of Achievement | 25 units*

Students completing the Chabot Automotive Technology AS Degree or Certificate Training will be able to demonstrate the expertise needed to perform vehicle maintenance, service, diagnosis, and repair of current vehicles. They will display the confidence to perform automotive operations in a timely and professional manner with limited supervision. Students will also demonstrate an ethical code conforming to the highest standards of the automotive industry. Students completing the Chabot Automotive Technology AS Degree or Certificate Training will be prepared to obtain employment in the automotive industry.

Automotive Chassis Technology *Certificate of Achievement | 16 units*

Students completing the Chabot Automotive Technology AS Degree or Certificate Training will be able to demonstrate the expertise needed to perform vehicle maintenance, service, diagnosis, and repair of current vehicles. They will display the confidence to perform automotive operations in a timely and professional manner with limited supervision. Students will also demonstrate an ethical code conforming

to the highest standards of the automotive industry. Students completing the Chabot Automotive Technology AS Degree or Certificate Training will be prepared to obtain employment in the automotive industry

Hybrid and Alternative Fuel Vehicles

Certificate of Achievement | 19 units

Technician: Hybrid vehicles, Electric vehicles, Clean Diesel vehicles, Alternative fuel vehicles. Shop foreman, Manufacture, Business owner.

Technology-Based Automotive Systems

Certificate of Achievement | 17 Units

In the past ten years, the automotive industry has experienced a rapid growth in technology. These systems include vehicle safety, drivers assistance, and enhanced vehicle communications. As these new technologies leave the new car dealer service network, technicians in all areas will need to acquire the applicable knowledge and skills to diagnose, service and repair these systems. Career opportunities in the automotive and related transportation industries worldwide include technician, system specialist and supervisor. For current wage and demand information, please visit the California Employment Development Department <https://edd.ca.gov/> search for "Automotive Service Technicians and Mechanics."



GRAPHIC INFORMATION SYSTEMS

Graphic Information Systems

Certificate of Proficiency | 13 units

GIS is used to acquire, represent, organize, analyze and visualize information in the public and private sectors. With this expanded application comes a broad range of GIS career areas, including: (1) Business (Business Analytics, Technology Support, Economic Development) (2) Land Administration (Public Works, Surveying, Urban/Rural Planning) (3) Health and Human Services (Hospitals/Health Systems, Managed Care, Public health) (4) Intelligence (Remote Sensing, Surveillance, Environmental Monitoring, Military Operations, Disaster Relief and Recovery, Communications) (5) Natural Resources (Agriculture, Archaeology, Climate Change, Forestry, Heritage Sites, Marine and Coastal, Water Resources) (6) Public Safety (Emergency Management, Homeland Security, Law Enforcement, Wildfire Management) (7) Transportation and Infrastructure (Highways, Logistics, Ports and Maritime, Public Transportation, Railways)



INDUSTRIAL ARTS



Advanced Manufacturing Technology

Certificate of Achievement | 19 units

Advanced Manufacturing technicians are in demand in automation/robotics, automated machining, welding, and emerging manufacturing technologies.

Machinist

Certificate of Achievement | 27 units

The courses that define this certificate are recommended as preparation for the following careers: machinist, machinist apprentice, Industrial repairman, CNC operator, CNC set-up, and CNC junior programmer. These occupations can be either an initial career path or a transitional path for existing machinists or industry employees.

ESYS: Consumer Technology

Certificate of Achievement | 18 units

Completion of this certificate prepares students for a Consumer Electronics Worker career with computers-peripheral equipment, technical consulting services, electric goods merchant sellers, commercial goods merchant sellers and electronic instrument manufacturing firms. According to Labor Market Information data, consumer electronics worker positions are expected to grow from 2175 positions in 2016 to 2289 positions by 2026, an increase of 4.9%.

ESYS: Industrial Electronic Technology

Certificate of Achievement | 18 units

Completion of this certificate prepares students for an Electrical & Electronics Worker career with industrial electronic, communications equipment manufacturing, and industrial machinery manufacturing firms. According to Labor Market Information

data, electrical and electronics worker positions are expected to grow from 2100 positions in 2016 to 2300 positions by 2026, an increase of 9.5%. Students will be applying electrical and electronics theory and related knowledge to install, adjust, or maintain electro-mechanical, mobile electronics communication equipment, including sound, sonar, security, navigation, and surveillance systems on trains, watercraft, or other electronic/mobile equipment.

Numerical Control Programmer

Certificate of Achievement | 36 units

The courses that define this certificate are recommended as preparation for the following careers: machinist, machinist assistant, CNC operator, CNC set-up, CNC junior programmer, CNC programmer, and Solidworks draftsman. These occupations can be either an initial career path or a transitional path for existing machinists or industry employees.

Tool Maker

Certificate of Achievement | 31 units

The courses that define this degree are recommended as preparation for the following careers: machinist, machinist apprentice, industrial repairman, mold maker, tool and die maker, model maker, CNC operator, CNC set-up, and CNC junior programmer. These occupations can be either an initial career path or a transitional path for existing machinists or industry employees.
Inspection and Pipe Welding Certificate of Achievement

Inspection and Pipe Welding

Certificate of Proficiency | 14 Units

Welding offers employment both at the basic level and one demanding higher skills with a trajectory towards greater leadership in the field. Those with skills in inspection and pipe welding can secure some of the highest paying and most challenging jobs in the industry. Given that this level of skill is comparatively rare, jobs in these categories are regularly in demand all over the globe. It is not uncommon for those at this level of the industry to make six figures if they are willing to travel and work on projects with a long timeline. In return, they can be part of some of the largest and most sophisticated structures in the world.

Welding

Certificate of Proficiency | 15 units

Students completing the Chabot Welding Technology Certificate of Proficiency will be able have the opportunity to qualify to national codes such as The American Welding Society D1.1 for Structural Steel in the appropriate areas of study. Upon the completion of the Chabot Welding Technology Certificate of Proficiency training, students shall be able to demonstrate the qualifications needed to gain interim welding positions required by the manufacturing, fabrication, maintenance and construction industries. They should be able to apply their skills and knowledge in a professional manner under supervision.



Notes

Notes





CHABOT
COLLEGE

25555 Hesperian Boulevard
Hayward, CA 94545
www.chabotcollege.edu

CE Funding Requests 21-22 Ballot Results

Project Title	Amount Requested	PTS	Final Rank
Dental Hygiene Update	\$ 72,920.00	121	1
Automotive Technology Program	\$ 143,200.00	114	2
Health and Business Careers Pipeline Development	\$ 12,306.00	113	3
Welding Lab Improvement and Professional Development	\$ 16,740.00	112	4
K-14 Career Pathway Alignment	\$ 156,500.00	110	5-Tie**
Medical Assisting	\$ 5,280.00	110	5-Tie**
Career Pathways Successful Launch	\$ 133,500.00	109	7
Advancements in Business Education	\$ 68,196.00	108	8*
Nursing Student Retention/Simulation	\$ 35,700.00	108	9*
Digital Architecture Studio	\$ 32,096.00	106	10
MTT 2021-2022	\$ 64,996.00	104	11
Graphic Design & Digital Illustration Show and Digital Media Support	\$ 19,800.00	102	12
Fire - EMS First Responder Incident Simulation	\$ 155,000.00	97	13
Engineering Lab Support	\$ 66,600.00	94	14*
CE Funding Request for ESYS Regional Joint Venture Project	\$ 151,824.00	994	15*
KCTH Staffing, Wire service, Website Design & Camera Upgrade	\$ 24,300.00	92	16-Tie**
Support for ECD Lab School	\$ 109,546.00	92	16-Tie**
Local CE Funding Request for ESYS Program for 2021-2022	\$ 95,459.00	91	18
Paralegal Certificate Program	\$ 48,656.00	88	19
Film Production Events: Women in Filmmaking and Film & Animation Fest	\$ 32,700.00	85	20
Fire Fighter Academy And Fire Fitness Support Operations	\$ 268,384.00	82	21
Technical Theater Certificate and Program	\$ 35,060.00	76	22
Skills Training Staff	\$ 14,400.00	75	23
Pump Ops Panel Training Simulator for Driver Operator Training	\$ 121,680.00	64	24*
SWP-RJV: New Vehicle Technologies	\$ 76,680.00	64	25*
BCRC's Computer Equipment This is not a CE Top Code Project	\$ 40,000.00	57	26
	\$ 2,001,523.00		

*Initial total resulted in a tie, broken in the tiebreaker process

**Initial total resulted in a tie, that remained a tie after the tiebreaker process



TO: Career Education Committee

FROM: Career Education Sub-committee, Heather Hernandez, Safiyyah Forbes, and David Vetrano

DATE: May 3, 2021

RE: Recommendation on a replacement protocol for new positions and to determine which positions to rehire when vacated.

New positions:

- New positions should be submitted through Program & Area Review each year.
- Positions should flow to their respective prioritization committees, Classified, Faculty, and Administration.
- Guidance from the CE Committee should be provided to the prioritization committees on positions that could potentially be funded by CE or are a priority for the CE Committee; or a presentation on positions as appropriate. The CE Committee could continue to utilize the voting ballot to determine the most supported positions by the committee and that could be provided to prioritization committees as an information item to help guide prioritization.
- Hiring of new positions should not be determined in the CE Committee; they should flow through the broader institution processes with the hope of breaking down funding silos to better align restricted funding with college priorities, build transparency, and utilize a process that can be replicated year over year.
- Once determined, funds for new positions, or positions moved to CE funding through the integrated planning and budget process, should be encumbered at the start of the fiscal year so that those funds will not be considered available for new CE project proposals.

Rehire of existing positions:

- Positions left vacant, for any reason, should be reviewed by the hiring manager. Upon review, Administration may choose to fill vacated positions deemed essential for college functionality at any time during the prioritization cycle. If the vacancy is not filled, it would need to go back through prioritization if it is requested in the future.
- Funds for existing positions should be encumbered at the start of the fiscal year so that those funds will not be considered available for new CE project proposals.

Documents/Websites to Review:

- Classified Prioritization Process
 - www.chabotcollege.edu/governance/classified-senate/docs/prioritization/prioritizationprocess.pdf
 - www.chabotcollege.edu/governance/classified-senate/prioritization.php



- Administrative Prioritization Process
 - www.chabotcollege.edu/governance/docs/administrativeprioritizationprocess.pdf
 - www.chabotcollege.edu/governance/administrative-prioritization-committee
- Faculty Prioritization Process
 - www.chabotcollege.edu/governance/faculty-prioritization-committee/docs/general/faculty%20prioritization%20process%20oct%202019%20final%201.pdf
 - www.chabotcollege.edu/governance/faculty-prioritization-committee