



PACIFICA HIGH SCHOOL

CTE TECHNOLOGY EDUCATION PATHWAYS

2018-2019 School Year

Students completing a pathway receive a completion certificate, while classes can also be taken individually, out of sequence.

Visit our website to learn more: Pacifamariners.com > Academics > Departments > CTE Technology Education

Arts, Media, and Entertainment

CAREERS INCLUDE: Visual Artist, Graphic Designer, Web Designer, Web Developer, Photographer, Photojournalist, and Publisher

Digital Film and Web Design
Web Design / Video Editing

1 yr. a-g certified <f> HT1711/2
2 periods offered

The Art of Digital Photography
Photography / Photo Editing

1 yr. a-g certified <f> HT1951/2
2 periods offered

The Art of Graphic Design
Art / Design / Marketing

1 yr. a-g certified <f> HT1661/2
2 periods offered (including 0-period)

Certification Exams:

ACA Photoshop Exam
ACA Dreamweaver Exam

Articulation Agreements:

Community college credit with A/B in Graphic Design / Digital Photo (details in syllabi)

Summer Internship opportunity
between 11th and 12th grade

Engineering and Architecture

CAREERS INCLUDE: Engineer with a Concentration, Architect, Designer, CAD 3D Specialist, 3D Printing Technician

Product Design
Design / Manufacturing / Marketing
(wood shop environment)

1 sem. Elective HT6111/2
1 period offered

3D Printing
3D Printing / SolidWorks

1 yr. Elective HT2971/2
2 periods offered

Engineering Design Studio
Design / Prototyping / Presentation

2.5 GPA and A/B in math required
*10th, 11th, and 12th grades only
1 yr. a-g certified <f> HT1531/2
1 period offered

Certification Exam:

SolidWorks Associate Exam

OC Maker Challenge opportunity in Engineering Design Studio

Summer Internship opportunity
between 11th and 12th grade

Information and Communication Technologies

CAREERS INCLUDE: Computer Programmer, App Developer, Game Designer, Web Designer

Exploring Computer Science
Software Design / Robotics

1 yr. a-g certified <g> HT0701/2
1 period offered

Computing with Robotics
Robot Programming in Python
1 period offered

ICT Essentials
Computer Repair
1 period offered (0 period only)

AP Computer Science Principles
Data / Networking / Security / Design
*3.0 GPA and A/B in math required

1 yr. a-g certified <g> HT1991/2
1 period offered

College Credit:

CSP AP Exam
CSA AP Exam

Hackathons and Coding Events
available throughout program

Summer Internship opportunity
between 11th and 12th grade

All PHS Tech Ed classes have a max occupancy of 32 students

Rev: May 2018