

Did you know 1 in 20 California jobs is in ICT, and they pay twice the average? Do you know that employers are having trouble filling all those high-paying jobs?

Information and communication technologies (ICT) is the fastest growing job sector in San Francisco. Working with computers, information, communication and digital media technologies leads to exciting, high quality jobs, lifestyles and futures!

Do you like:

- ◆ Computers
- ◆ Internet
- ◆ Teamwork
- ◆ Gaming
- ◆ Creating images
- ◆ Videos
- ◆ Broadcasting
- ◆ Sound Production
- ◆ Information Technologies
- ◆ Software
- ◆ Computer Science
- ◆ Digital Media
- ◆ \$\$\$\$

If you said yes to any of these, this is where to start!

No matter what you study, and no matter what work you pursue, ICT knowledge and skills are important success factors. Learn about ICT education pathways to develop these skills to help you succeed, no matter what you do!

To get started, see Mr. Luc in room 121 or Ms. Shadi in the Art Room.

Information and Communication Technologies (ICT) is a term used around the world that encompasses all of the rapidly emerging, evolving, and converging computer, software, networking, telecommunications, Internet, programming, information systems and digital media technologies.



ICT at
John O'Connell High School
<http://jochs-sfUSD-ca.schoolloop.com>
(415) 659-5370



ICT AT JOHN O'CONNELL HIGH SCHOOL

What do you
want to do
with your life?



TAKE ICT CLASSES AT O'CONNELL!

Computer Programming 1/2

Learn:

- ◆ Java software for computers and cell phones
- ◆ Fundamentals of computer programming
- ◆ Visual context
- ◆ Two and three dimensional computer graphics
- ◆ Problem solving techniques
- ◆ Program design
- ◆ Control structures
- ◆ Functions, loops
- ◆ Data structures
- ◆ Computer graphics
- ◆ Algorithms
- ◆ Programming environment
- ◆ HTML and cell phone programming

Computer Art 1/2

Learn:

- ◆ Graphic Software
- ◆ Design
- ◆ Layout
- ◆ Operating systems
- ◆ Organize project folders
- ◆ Manage workspaces
- ◆ Security and privacy
- ◆ The effects of IT on society
- ◆ Technological inequality
- ◆ Web-based technologies



TAKE COLLEGE CLASSES WHILE IN HIGH SCHOOL!

Get a jump on your college education with a Dual or Concurrent Enrollment course.

- ◆ Fun, hands-on college courses after school
- ◆ Get both high school and college credit
- ◆ Save money and move ahead with your college career.

For more information about dual and concurrent enrollment, contact Valerie Abaunza, Academy/Pathway Counselor/Coordinator: **415-550-4422, vabaunza@ccsf.edu**

PARTICIPATE IN AFTER-SCHOOL COMMUNITY-BASED PROGRAMS!

BAVC

BAVC's youth programs offer a pathway for young people into digital media.

- ◆ Learn to tell your stories using video, audio, and 3D gaming technologies
- ◆ Develop your artistic and digital media skills
- ◆ Programs tailored to your interests
- ◆ Create professional portfolios
- ◆ Learn career-readiness skills you'll need for internships
- ◆ Classes are free and interns are paid

Visit **www.bavc.org** or call **415-861-3282**.

BAYCAT

BAYCAT offers free classes in media and design, too!

- ◆ Learn while you work on projects using the latest digital technologies
- ◆ Learn to use professional media applications
- ◆ Discover your untapped artistic abilities
- ◆ Become a team player, collaborating on project with
 - Classmates
 - Your family and friends
 - Your community and the world around you

To learn more, visit **www.baycat.org** or call **415-701-8228**.

Internships

Internships are fun and they can lead to jobs and letters of recommendation for college! There are lots of internships available for the summer - and a few during the school year. Go to your College and Career Office to get more information.

Learn on Your Own!

There are also many opportunities to experience and learn ICT through the Internet and through self-study. Have you heard about MOOCs and digital badges?! Search, explore and experiment!