



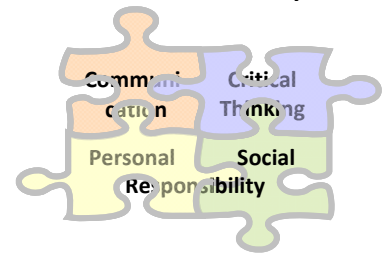
Intro2Tech

CS-101: Introduction to
Information Communication Technology

Mr. Johns

Room P6 / 62

This course will teach you:



<http://www.irvington.org/cjohns>

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Course Description

Intro2Tech is a college preparatory course designed to give students exposure to the ITA, Information Technology Academy. This course includes the study of web design, video production, and computer repair, programming, global information systems, and careers. This course emphasizes project-based learning of these topics, which bring relevance and excitement to learning.

Grades

A 90-100; **B** 80-89; **C** 70-79; **I** 64-69

Projects 50%; **Homework** 15%; **Reports** 15%; **Technology** 10%; **Participation** 10%

Projects

This class emphasizes project-based learning. Most projects in this class will be connected to projects in other ITA courses you are taking or will take.

Homework

On occasion, homework will be given in a variety of different formats, dependent upon the thematic unit we are discussing.

Reports

In the technology business sector, presentations are common place. Communication skills are crucial, especially in this sector, in order to make the company bottom line and provide a viable product to market. To this end, we will be practicing and honing these skills in order to prepare you for the real world.

Technology

This class will be using computer-based tools that require your consistent input. Periodic checks will be made to ensure that you are participating in these environments.

Participation

There will be a variety of ways to participate in and out of class, in groups and individually.

Foundation Standards

This class will focus its units to address the California Technical Education Foundation Standards for Information Technology: Academics, Communication, Career Planning and Management, Technology, Problem Solving and Critical Thinking, Health and Safety, Responsibility and Flexibility, Ethics and Legal Responsibilities, Leadership and Teamwork, Technical Knowledge and Skills, Demonstration and Application

Thematic Units

Technical Literacy and Ethics, Creating a Website, Podcasting, Career Exploration, CAD Modeling, GPS Technology, Simulation Programming (C/Python), Robotics

ITA

The Information Technology Academy is for a group of students who are interested and excited by technology. To this end, we have created a series of courses within your 4-year program that are infused with Technology. These classes will use cutting edge tools to make learning fun and engaging, while providing you with skills that could make you readily employable after college, or give you several college units to help you on your way to a postsecondary degree. We will be having special ITA events like potlucks, movie nights, guest speakers, field trips, competitions, and certification programs throughout the year! To learn more about ITA, go to www.irvington.org/ita.

College Credit (Irvington Students Only)

This course is dual-enrolled with Ohlone Community College as course CNET-101 / CS-101 (Computers, Networks, and Emerging Technologies / Computer Science). In order to obtain college credit, you will need to:

- register with www.cccapply.org
- download, fill out, and return the forms listed at www.ohlone.edu/org/admissions/k12admission.html

Supply List

Dependent upon the thematic unit, different materials may be recommended. A portfolio of work, which will be purely digital, will be stored on the school server and/or on externally-hosted web servers with appropriate permissions so John Q Public won't have access to your data. It is also recommended that if you have a laptop with a wireless connection, you bring it to class each day. We can store the laptop in a secure location for the remainder of the day if needed.

Utilizing Technology

This class will utilize personal digital assistants, various web 2.0 cloud computing technologies, multimedia programs, and programming languages to learn about Information Communication Technology, the industry-recognized term used to describe all things technology used to connect people and data. In addition, the course website (www.irvington.org/cjohns) is to be used as a resource for homework assignments, grades, interactive multimedia, reference materials, tutorials, games, and a variety of other resources that will help enrich your technology experience this semester. You'll also be required to check email daily to keep up-to-date with announcements and opportunities that *may not be mentioned in class*.

If You Are Absent (Makeup Work)

No late assignments will be accepted unless an excused absence is presented. You will have as many days to make up the work as you were absent. It is recommended that you check the website or call a peer in the meantime so that you do not fall behind. Unexcused absences = 0 points on all missed assignments.

Studying Strategies

- Stay organized!
- Keep up to date with your email – I will be sending lots of things your way
- Collaborate on ideas with peers; the real world values results, which often comes from the efforts of a group rather than an individual
- Utilize tutorial periods for additional practice
- When in doubt, ASK! Never assume you understand; you either do, or you don't. There's nothing wrong with asking questions of your peers or of myself in or out of class.

Contracts (Irvington Students Only)

The purpose of a contract is a safety net provided by the school guidelines to help students who have earned an "I" ncomplete grade during a grading period (semester only) to receive a passing grade. *In this class contracts will be given for I grades to be raised to a C- grade only.* To be eligible for a contract, a student must have earned 80% in the homework category and at least 64% in every other grading category. Contracts must be signed by the student, by the student's parents/guardians, and by myself, to be due no later than 1 month after the contract has been issued (assumed to be the first day of the next semester). Failure to complete a contract, signed or not, will result in your "I" grade being changed to an "NC" grade, and you will receive 0 units for that semester. NOTE: Seniors cannot have a contract for semester 2.

Class Rules

- Respect yourself, others, and property at all times.
- At the bell, *be in your seat, or you will be considered tardy.* Hats and hoods must be off, unless for religious purposes. All class materials will be on your desk and everything else in your bag.
- All electronic devices except a calculator must be off in class. *Any other electronic device must be off* or they will be confiscated and turned in to the office. Your parent must come claim it at that point.
- Eating and drinking in class is prohibited, but *water is ok.*
- Follow all school rules and guidelines as defined in the student handbook. If you aren't sure what the rules are, please consult the handbook. Consequences for disorderly conduct in class are aligned to those in the student handbook.

Your First Assignment

1. If you didn't read the title, the website is: www.irvington.org/cjohns. Look for "hw" for your class.
2. There are several assignments posted on the first day of class. Please complete them by the indicated deadlines!!!

Syllabus Agreement Form



I agree to abide by the rules as outlined in the syllabus for this course.



Student (print)

Student (Signature)

Date

Parent (print)

Parent (Signature)

Date