

**High School to College Course
Articulation Agreement
West Los Angeles College**

High School District: Culver City Unified School District High School Name: Culver City High School

Discipline: Networking Course Title: IT Essentials

College Course Title: Introduction to Computer Hardware (CS 916) and Operating Systems (CS 934)	HS Course Title: IT Essentials
College Course Number: CS 916, CS 934	HS Course Number: H0030
College Units: 3.00 units each	HS Credits/Hours: 5.00
HS Course Description - Introduces the hardware, software and operating system concepts of a personal computer through a broad range of hardware and software technologies. Provides preparation for students seeking CompTia A+ certification and indicates the competency of entry-level IT technicians in the computer industry.	
College Prerequisite(s): None	
HS Prerequisite(s): None	
College Advisories/Recommendations: It is recommended that CS916 and CS934 are taken concurrently	
HS Advisories/Recommendations: Completion of Algebra I	
HS Course Content (Course Outline):	
<ol style="list-style-type: none"> 1. Personal Computer Components <ol style="list-style-type: none"> a. Mother Boards b. CPUs c. Memory d. Hard Disks e. Peripherals 2. Laptop and Portable Devices <ol style="list-style-type: none"> a. Select b. Update c. Troubleshoot 3. Operating Systems <ol style="list-style-type: none"> a. Installing b. Maintaining c. Troubleshooting d. Upgrades 4. Printers and Scanners <ol style="list-style-type: none"> a. Components b. Installation c. Maintenance d. Troubleshooting 5. Networks <ol style="list-style-type: none"> a. Install/Configure basic Network Architecture b. Install/Configure Secure Wireless Networks c. Troubleshooting Tools and Tips for Network Connections 6. Security <ol style="list-style-type: none"> a. Locally Secure Desktop/Notebooks b. Secure Wired/Wireless Networks c. Protect/Clean Malicious Software 7. Safety and Environmental Issues <ol style="list-style-type: none"> a. ESD b. Environmental Hazards 8. Communication and Professionalism <ol style="list-style-type: none"> a. Roles/Responsibilities b. Customer Interactions 	

HS Competencies and Skill Requirements - At the conclusion of this course, the student should be able to:

1. Given a PC, students will be able to disassemble the PC to its component parts, reassemble the PC, and troubleshoot problems, and return the PC to its original working state.
2. Given a scenario, evaluate, troubleshoot, and physically mediate hardware/software/network solutions.
3. Given a scenario, identify, select, deploy, and troubleshoot devices such as laptops, portables, and peripherals.
4. Demonstrate use of customer service skills including communication both written and verbal.

HS Course Measurement Methods (include any industry certification or licensure):

CompTia A+ IT Technician Certification or problem solving exercises; written reports; examinations; skills-based assessments; class and individual projects, online projects and tests.

HS Sample Textbooks or Other Support Materials (including Software):

- CompTia A+ Guide to Managing and Maintaining Your PC 8th Edition – Comprehensive Jean Andrews
Thompson / Course Technology Publishers, ISBN: 1133135080
- Cisco Press IT Essentials 6.0
- Cisco Network Academy
- IT Essentials: PC Hardware and Software 4.0 or above
- Virtual PC/VMWare

Agreed-Upon Evaluation Method for Credit by Examination:








Students will score 87% or higher on the following:

- Complete 14 chapter exams in IT Essentials course
- Final practice exam
- Final exam
- Practice Certification 1
- Practice Certification 2

Additional Articulation Requirements

- College credit will be granted only if the student completes all HS course work and examination(s) with a grade of "A" or "B",
- Completes the WLAC application, submits the signed K-12 parent approval form and obtains a student identification number.

College and High School Signatures

WLAC Department Faculty		Date: 5-25-18
WLAC Division Chair:		Date: 5-25-18
WLAC Academic Dean:		Date: 5/25/18
WLAC Articulation Officer:		Date: 6/12/18
WLAC Curriculum Chair:		Date: 6/18/18
HS Department Faculty:		Date: 5/25/2018
HS Administrator:		Date: 5/25/18

Office Use Only

College TOP Code: 0708.00

HS Code:

Note: This agreement should be renewed every two years or sooner if curriculum is changed by either the HS or the college.

