

	SCHOOL: TEMPLE UNIVERSITY MAJOR: COMPUTER SCIENCE
Community College Curriculum: A.S. Computer Science Coordinator: Chuck Herbert Phone: (215) 496-6140 E-mail: cherbert@ccp.edu Office: C31L	Temple University Contact Person: Jacalyn Harriz Phone: (215) 204-1614 Email: jacalyn.harriz@temple.edu Web Address: www.temple.edu/cis/

General Information: The following outlines an agreement between CCP's Computer Science curriculum and Temple's Computer Science major. The agreement states that students who complete the A.S. in Computer Science at CCP are prepared for upper-level (junior) course work in the Computer Science major at Temple. The B.S. in Computer Science is offered by the College of Science and Technology.

Students enrolled in the Computer Science curriculum at CCP are eligible for the dual admissions agreement. The dual admissions agreement stipulates that students must satisfy all requirements for the associate degree. Students who complete this degree are also eligible for the **Core-to-Core Agreement** for students who first enrolled at CCP in Fall 1996 or later. This agreement states that if a student earns an A.S. degree, he/she automatically satisfies Temple's general core requirement except in the case that the student's major at Temple stipulates that certain requirements are completed. The CS major stipulates that calculus be completed for the quantitative reasoning core and that **two sequential lab sciences** be completed for the science and technology core. The quantitative reasoning requirement is met by MATH 171 and 172 at CCP, and the PHYS 111 and 112 or PHYS 140 and 241 at CCP for those students who complete the A.S. in Computer Science. Two writing intensive courses must also be completed at Temple after the student transfers. **Students not eligible for core-to-core should consult a CCP counselor about the Temple core requirements. The College of Science and Technology also has a new major in Information Science and Technology (transfer guide to be developed). For more information, visit Temple's CIS web site. Temple offers a Management Information Systems major in the Fox School of Business. Students interested in a more business oriented computer major should follow the Business Transfer guide.**

COMMUNITY COLLEGE OF PHILADELPHIA - Computer Science Curriculum	TEMPLE REQUIREMENTS
CSCI 111 Programming and Algorithm Development I	CIS 1057 Computer Programming in C – serves as pre-requisite to major courses
MATH 163 Discrete Math	CIS 1166 Mathematical Concepts in Computing – major requirement
CSCI 112 Programming and Algorithm Development II	CIS 1068 Program Design & Abstraction – major requirement
CSCI 211 Data Structures and Algorithms	CIS 2168 Data Structures – major requirement
CSCI 212 Intro to Computer Systems	CIS 2107 Computer Systems & Level level programming – major requirement
CSCI 213 Intro to Computer Organization	CIS upper-level major elective
MATH 171 AND 172 Calculus I and II	MATH 1041 and 1042 Calculus I & II – major requirements
ENGL 101 AND 102 Composition I and II	ENGL 1002 AND ENGL 2796 Core requirement and writing intensive course
MATH 270 Linear Algebra	MATH 2101 – Linear Algebra
PHYS 111 AND 112 General Physics I and II OR PHYS 140 Mechanics, Heat and Sound AND 241 Electricity, Magnetism and Light	PHYS 1021 and 1022 General Physics I and II or PHYS 1061 and 1062 or Classical Physics I and II– Science & Technology core requirement & major requirement
Complete two Social Science electives to satisfy requirements for associate degree. Check with CCP advisor to ensure appropriate choices (ANTH, EASC, ECON, EDUC, GEOG, HIST, POLS, PSYC, SOS, SSCI, WS)	Two courses toward Core-to-Core agreement – If not earning associate degree, consult <u>Core requirement guide</u> .
One humanities elective to satisfy requirement for associate degree. check with CCP advisor to ensure appropriate choice (Art History, ENGL, Foreign Language, HIST, HUM, Music History, PHIL)	One course toward Core-to-Core agreement – If not earning associate degree, consult <u>Core requirement guide</u> .
NOTE: HISTORY (HIST) CAN BE USED FOR A SOCIAL SCIENCE OR A HUMANITIES ELECTIVE, BUT NOT FOR BOTH A HUMANITIES AND A SOCIAL SCIENCE.	
Developed on: 6/99	Revised on: 8/01, 9/06, 7/07

Always refer to our catalogue for prerequisites and/or to the department head for readiness. If you have questions, **talk to a counselor**. For an appointment, come to **Room W2-2** or call **(215) 751-8169**.

Prepared by Jon Brown
Assistant Professor; Counselor