

## **Articulation Sheet for Bakersfield College 2005-2006**

Pacific Requirement for Computer Science	fulfilled by	Bakersfield College
<b>Mathematics</b>		
MATH 37 or 39	Introduction to Statistics and Probability Probability with Applications to Statistics	MATH B22
MATH 51	Calculus I	MATH B6a
MATH 53	Calculus II	MATH B6b
COMP 47	Discrete Math for Computer Science	COMS B27
<b>Basic Sciences</b>		
Lab Science Semester I	PHYS 53, 55; BIOL 51, 61; (4-5 units) CHEM 25, 27; GEOS 51, 53 or 61	PHYS B4a-B4c; BIO B3a, B3b; CHEM B1a, B1b; GEOL B1a, B10 and B10L
Lab Science Semester II	Second semester from same (4-5 units) lab sequence chosen above	Next lab course(s) from same sequence chosen above
One Science Elective (Must be a course not chosen above)	ENGR 79, CHEM 23, 25, (4-5 units) BIOL 41, 51, GEOS 51, 53 or 61, PHYS 23, 25, 53, 55	ENGR 17, CHEM B2a, B1a, BIO B11, B3a, GEOL B1a, B10 and B10L, PHYS B2a, B2b, B4a, B4b, B4c
Math/Science Elective (if necessary)	Total of 16 units math and 14 units science are required. If units are lacking an additional science or math course must be taken.	Many options available
<b>Computer Science Courses</b>		
COMP 37	The Data Communication Environment (3 units)	COMS B82
COMP 51	Computer Science I (includes lab, 4 units)	COMS B25
COMP 53	Computer Science II (4 units)	COMS B35

### **General Education**

The School of Engineering and Computer Science at Pacific will accept any Community College Transfer General Education program as satisfying our own, with at most one additional class being required. All students at Pacific take an ethics course during their senior year. Pacific does not require a minimum number of completed units for community college students to transfer to University of the Pacific. For a detailed explanation, see the reverse side of this page. For additional information please call the Computer Science Chair at 209-946-2655 or Dr. Gary Martin, 209-946-3064 (collect).

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