

## **Modesto Junior College Articulation Sheet for 2005-2006**

Pacific Requirement for Computer Science	fulfilled by	Modesto Junior College
<b>Mathematics</b>		
MATH 37 or 39	Introduction to Statistics and Probability	MATH 134
MATH 51	Probability with Applications to Statistics	MATH 171
MATH 53	Calculus I	MATH 172
COMP 47	Calculus II	
	Discrete Math for Computer Science	
<b>Basic Sciences</b>		
Lab Science Semester I	PHYS 53, 55; BIOL 51, 61; CHEM 25, 27; GEOS 51, 53 or 61 (4-5 units)	PHYS 101-103; BOT 101 or ZOOL 101, BIO 101; CHEM 101, 102; GEOL 161, 166
Lab Science Semester II	Second semester from same lab sequence chosen above (4-5 units)	Next lab course(s) from same sequence chosen above
One Science Elective (Must be a course not chosen above)	ENGR 79, CHEM 23, 25, BIOL 41, 51, GEOS 51, 53 or 61, PHYS 23, 25, 53, 55 (4-5 units)	ENGR 140, CHEM 142, 101, BIO 111, BOT 101 or ZOOL 101, GEOL 161, 166, PHYS 142, 143, 101-103
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)	CMPSC 263
COMP 51	Computer Science I (includes lab, 4 units)	CMPSC 205
COMP 53	Computer Science II (4 units)	CMPSC 261

### **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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