UNIVERSITY OF CALIFORNIA, DAVIS
COLLEGE OF ENGINEERING
1050 ENGINEERING II
(530) 752-0553
HTTP://ENGINEERING.UCDAVIS.EDU/

TRANSFER CREDIT AGREEMENT WITH
MISSION COLLEGE (Semester)
2003-2004 ACADEMIC YEAR

UNIVERSITY OF CALIFORNIA, DAVIS
ARTICULATION OFFICE
MRAK HALL, DAVIS, CA. 95616
(530) 752-6302

LOWER DIVISION ENGINEERING **UCD** COURSES	LOWER DIVISION TRANSFER COURSES	AERO	BIO-SYS	BIOMED ENGR	CHEM	CHEM/ BIOCHEM	CIV	COMP AS	COMP ENGR	ELEC	COMP SCI ENGR+	MTL SCI	MECH	OPTICAL SCI
Math 21A, B, C, D	Math 3A, B, 4A	X	X	X	X	X	X	X	X	X	X	X	X	X
Math 22A	Math 4C	X	X	X	X	X	X	X	X	X	X	X	X	X
Math 22B	Math 4B	X	X	X	X	X	X	X	X	X	X	X	X	X
Chem 2A	Chem 1A	X	X	X	X	X	X	X	X	X	X	X	X	X
Chem 2B	Chem 1A, B	X	X	X	X	X	X	--	--	--	--	X	X	--
Chem 2C	Chem 1B	--	--	X	X	X	--	--	--	--	--	--	--	--
Chem 2AH,BH,CH	Chem 1A, B, 5	--	--	--	--	--	--	--	--	--	--	--	--	--
Chem 8A	NEC	--	#+	X	--	--	--	--	--	--	--	--	--	--
Chem 8B	NEC	--	#+	X	--	--	--	--	--	--	--	--	--	--
Chem 128A,B; 129A	NEC	--	--	--	X	X	--	--	--	--	--	--	--	--
*Physics 9A	Physics 4A	X	X	X	X	X	X	X	X	X	X	X	X	X
Physics 9B	Physics 4C	O	O	0	O	0	O	X	X	X	O	O	O	X
*Physics 9C	Physics 4B	X	X	X	X	X	X	X	X	X	X	X	X	X
Physics 9D	Physics 4D	O	--	--	--	--	O	X	X	X	O	--	O	X
Engineering 4	Engr 25	X	--	--	--	--	--	--	--	--	--	--	X	--
Engineering 6	NEC	X~	X*	X~	X~	X~	X~	--	X	X	--	X~	X~	#
Engineering 17	Engr 24, 24L	X	X	X	X	X	X	X	X	X	X	X	X	X
Engineering 35	Engr 23	X	X	X	X	X	X	--	--	X!	--	X	X	--
Engineering 45	Engr 26	#	--	X	X@	--	X@	--	--	X@	--	X	#	X
Civil Engr. 10	NEC	--	#+	--	--	--	#	--	--	--	--	--	--	--
Eng. Comp. Sci 20	Math 19	--	--	--	--	--	--	X+	X	--	#	--	--	--
Eng.Comp.Sci. 30	CIS 21 & 172, or 37A & 172A, or Engr 30	X~	X*	X~	X~	X~	X~	X	X	X	X	X~	X~	X~
Eng.Comp.Sci. 40	CIS 40 & 178	X~	--	X~	X~	X~	X~	X	X	X#	X	X~	X~	X~
EEC70/ECS 50	CIS 6A & 176, or CIS 39 & 179	--	--	--	--	--	--	X+	X	X	#	--	--	--
EEC 73	CIS 43 & 183	--	--	--	--	--	--	--	--	X#	--	--	--	--
EBS 1	NEC	--	#	--	--	--	--	--	--	--	--	--	--	--
EBS 75	NEC	--	#	--	--	--	--	--	--	--	--	--	--	--
Mech. Eng. 50	NEC	--	--	--	--	--	--	--	--	--	--	--	#	--
Applied Science 1	NEC	--	--	--	--	--	--	--	--	--	--	--	--	#
Applied Science 2	NEC	--	--	--	--	--	--	#	--	--	--	--	--	--
Biomedical 1	NEC	--	--	#	--	--	--	--	--	--	--	--	--	--
ECH 80	NEC	--	--	--	#	#	--	--	--	--	--	--	--	--
**English 1 or 3	Engl 1A or 1B	X	X	X	X	X	X	X	X	X	X	X	X	X
Communication 1 or 3	Comm St 1 or 10 or 8	#	#	#	#	#	#	#	#	#	#~	#	#	#
Bio. Sci. 1A	Biol 1A	--	#	X	--	#	--	--	--	--	--	--	--	--
Bio. Sci. 1B	Biol 1B	--	0	0	--	--	--	--	--	--	--	--	--	--
Bio. Sci. 1C	Biol 1B	--	0	--	--	--	--	--	--	--	--	--	--	--

X=REQUIRED FOR ADMISSIONS
#=REQUIRED FOR GRADUATION
O=RECOMMENDED

WHEN THERE ARE MORE APPLICANTS THAN SPACES AVAILABLE, PRIORITY IS GIVEN TO TRANSFERS FROM CALIFORNIA COMMUNITY COLLEGES WHO HAVE COMPLETED THE LOWER DIVISION PROGRAM INDICATED AND HAVE A HIGH GPA.

*12 QUARTER UNITS MUST COVER MECHANICS AND ELECTRICITY AND MAGNETISM. STUDENTS MAJORING IN ELECTRICAL & COMPUTER ENGINEERING, COMPUTATIONAL APPLIED SCIENCE, AND OPTICAL SCIENCE AND ENGINEERING MUST COMPLETE 16 QUARTER UNITS OF PHYSICS.

**The College of Engineering requires one English course as part of its lower division preparation. However, the University requires two courses in English composition for admissions eligibility. Please contact your college counselor or the UCD College of Engineering if you have any questions.

EXPLANATION: The community college courses listed will be accepted toward meeting the lower division requirements in Engineering . Acceptance is based upon analysis of courses in effect for the 2003-2004 academic year and may be subject to change in subsequent years. Contact your counselor or the UCD College of Engineering Undergraduate Office, (530) 752-0553 or consult http://engineering.ucdavis.edu/, if you have any questions.

IGETC: The College of Engineering strongly discourages the use of IGETC . Although completing IGETC satisfies the campus' General Education Requirements, it does not cover the full set of GE courses specified for the College of Engineering. All students are required to complete two upper division GE courses on the Davis campus.

COMPUTATIONAL APPLIED SCIENCE:
No applications will be accepted for this major until Fall 2004 for entry into UCD Fall 2005.

COMMENTS:
#+ Required for graduation for Bio Systems Engineering majors only. Students must complete the equivalent of either course Chem 8A or 118A and either course Chem 8B or 118B or ECI 10.
X* Required for admissions for Bio Systems Engineering majors only. Students must complete the equiv. of either course Engr 6 or ECS 30. Eng 6 or equivalent is required for graduation.
X# Required for admissions for Electrical or Electrical/Materials Science Engineering majors only. Students must complete the equiv. of either course ECS 40 or EEC 73.
X~ Required for admissions. Students must complete <u>one</u> programming course equivalent to either Engr 6, ECS 30, or ECS 40.
X@ Required for admissions for Chemical/Materials Science & Engineering, Electrical/Materials Science & Engineering, or Civil/Materials Science & Engineering majors only. Students must complete the equivalent of Engineering 45.
X! Required for admissions for Electrical/Materials Science and Engineering majors only. Students must complete the equivalent of Engineering 35.
X+ Required for admissions for Computational Applied Science majors. Students must complete equivalent of ECS 20 or EEC 70/ECS 50.
+ We recommend that Comp Sci Engr students have an exposure to UNIX prior to transfer.
#~ Communications 1 is required for graduation for CSE majors only. No credit will be allowed for Communications 3.

4/29/04