Transfer Articulation Agreement
between
Foothill College
and
Cornell University's School of Civil and Environmental Engineering

I. It is the intent of this Transfer Articulation Agreement to develop a limited Guaranteed Transfer Program between Foothill College and the School of Civil and Environmental Engineering in Cornell University's College of Engineering.

II. This agreement is designed for students enrolled in Foothill College Engineering, General Studies/Science, Individual Studies-Transfer, Mathematics, or Physics programs and pursuing an A.S. Degree who are interested in pursuing studies leading to a B.S. degree in the School of Civil and Environmental Engineering at Cornell University.

III. Students from Foothill College completing an Associate of Science degree who:
1. have completed post-secondary courses substantially equivalent to those that the applicant would have taken had they been enrolled in engineering at Cornell[1] [2],
2. have received grades of B or better in math, science, computer-programming, and engineering courses[3], and
3. have a GPA of 3.5 or better[4], and
4. have overall credentials and references (both academic and personal) which meet general Cornell standards of academic performance and personal character,

will be guaranteed transfer to the School of Civil of Environmental Engineering[5] at Cornell University. Credentials will be evaluated on an individual basis, but the

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Please note that Footnote 1 is explained in more detail in Attachment 1.

[1] It is expected that students will have taken the equivalent of:
- 4 -courses in math (calculus through differential equations),
- A total of at least 4 -courses in sciences to include physics (2 or 3 courses, calculus-based preferred), chemistry (1 or 2 courses), and/or biology (1 or 2 courses),
- 1 -course in computing science,
- 3 or more -courses in engineering science and introductory engineering,
- 2 courses of intensive writing, and
- 2 or more semester-courses in liberal studies.

[2] Cornell University does not accept transfer credit for courses sponsored by colleges but taught in high schools to high school students even if the college provides a transcript of such work. Students who have taken such courses may, however, take the appropriate Advance Placement Examination offered by the College Board Admission Testing Program in Princeton, New Jersey, to qualify for credit.

[3] Grades below B in these subjects are not transferable and cannot be used to meet requirements.

[4] Applicants to the School of Civil and Environmental Engineering with less than the minimum cumulative grade point average will be considered individually, and transfer-admission decisions will be based on available space, course work completed, letters of recommendation, and other pertinent factors.

general expectation is that most students will be able to complete a Bachelor of Science degree with an additional four (4) or five (5) semesters of study.[6]

IV. This agreement will take effect on January 1, 2008 and shall be reviewed every three (3) years by Cornell's School of Civil and Environmental Engineering and Foothill College.

Cornell Authorizations

_____ _____
W. Kent Fuchs, Dean Date
College of Engineering
Cornell University

_____ _____
James M. Gossett, Professor and Director Date
School of Civil and Environmental Engineering
Cornell University

_____ _____
Mark Spencer Date
Director, Engineering Admissions
Cornell University

Foothill College Authorizations

_____ _____
Peter Murray, Dean Date
Physical Sciences, Mathematics and Engineering
Foothill College

_____ _____
Bernie Seyboldt Day Date
Articulation/Curriculum Officer
Foothill College

[5] Transfer students must remain affiliated with the School of Civil and Environmental Engineering for a minimum of one year and must pursue a course of studies consistent with those needed to meet the degree requirements of the School of Civil and Environmental Engineering.

[6] The applicable requirements for the BS in Civil and Environmental Engineering (CEE) include: (a) Full-time resident study for a minimum of four semesters, (b) At least 124 semester-credits with no more than 72 of these being transfer credits, (c) Fulfillment of College requirements in math, science, computer programming, writing, engineering science, and liberal studies, and (d) Completion of at least 48 semester-credits that fulfill the field-program requirements in CEE.

Attachment 1

Footnote 1 (recommended courses):

Cornell CEE Requirements	Foothill Equivalent Courses	Quarter Units
4 courses in math		
Standard calculus	MATH 1A, 1B, 1C and 1D	20
Differential Equations	MATH 2A	5
Linear Algebra	MATH 2B	5
4 courses in science		
Physics	PHYS 4A, PHYS 4B and PHYS 4C	18
Chemistry	CHEM 1A and CHEM 1B	10
Other	CHEM 1C or BIOL 1A or BIOL 1B	6
1 course in computing science	2 quarter courses selected from: CIS 27A (JAVA) CIS 27B (JAVA) CIS 27C (Data Structures and Algorithms inJAVA) CIS 15A (C++) CIS 15B (C++) CIS 15C (Data Structures)	10
3 or more courses in engineering science	ENGR 6 (Engineering Graphics) or ENGR 20 (Introduction to Engineering) ENGR 35 (Statics) ENGR 37 (Circuit Analysis) ENGR 45 (Properties of Materials) ENGR 76 (Nanotechnology) CIS 78 (Software Engineering)	15
2 quarters of intensive writing	ENGL 1A or 1AH ENGL 1B or 1BH ENGL 1C or 1CH	9 or 10
3 or more quarters of UC transferable liberal studies courses		8
	Total minimum units	106

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