

Transfer Articulation Agreement
between
City College of San Francisco
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 City College of San Francisco and the School of Civil and Environmental Engineering in Cornell University's College of Engineering.
- II. This agreement is designed for students enrolled in City College of San Francisco's academic Engineering programs and pursuing an Associate of Science Degree with an Award of Achievement in Engineering 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 City College of San Francisco completing an Associate of Science Degree with an Award of Achievement in Engineering 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 courses³, and
 3. have a cumulative GPA of 3.5 or better⁴, 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 and Environmental Engineering⁵ at Cornell University. Credentials will be evaluated on an individual basis, but the general

¹ It is expected that students will have taken the equivalent of:

- 4 semester-courses in math,
- A total of at least 4 semester-courses in sciences to include physics (2 or 3 courses, calculus-based preferred), and chemistry (1 or 2 courses),
- 1 semester-course in computing science,
- 3 or more semester-courses in engineering science and introductory engineering ,
- 2 semester courses of intensive writing, and
- 2 or more semester-courses in liberal studies.

See Attachment 1 for current equivalencies.

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.

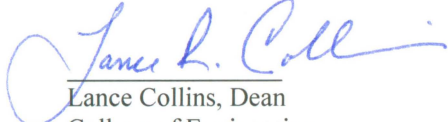
⁴ Applicants to the School of Civil and Environmental Engineering with less than the minimum cumulative grade point average will be considered individually, and transfer-admission decisions will be based on available space, course work completed, letters of recommendation, and other pertinent factors.

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.

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

IV. This agreement will take effect on January 1, 2012 and shall be reviewed every three (3) years by Cornell's School of Civil and Environmental Engineering and City College of San Francisco.

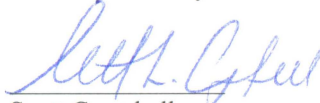
Cornell University Authorizations


Lance Collins, Dean
College of Engineering
Cornell University

12/5/11
Date

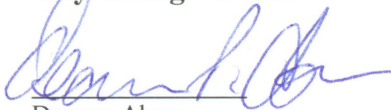

Philip L.-F. Liu, Professor and Director
School of Civil and Environmental Engineering
Cornell University

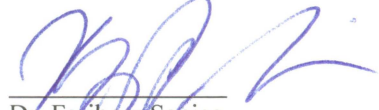
11/16/2011
Date


Scott Campbell
Director, Engineering Admissions
Cornell University

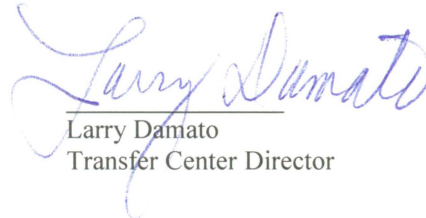
11/30/11
Date

City College of San Francisco Authorizations

 12/9/11
Deanna Abma
Articulation Officer


Dr. Fariborz Saniee
Dept. Chair, Eng. and Technology


David Yee
Dean, School of Science and Math


Larry Damato
Transfer Center Director

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 126 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 49 semester-credits that fulfill the field-program requirements in CEE.

Attachment 1

Current Equivalent Courses at City College of San Francisco

City College of San Francisco courses currently equivalent to curriculum for Cornell School of Civil and Environmental Engineering students:

Cornell CEE Requirements	CCSF Equivalent Courses	Semester Credits
4 semester courses in math		
Standard Calculus	Math 110A, 110B and 110C	12
Differential Equations (or Linear Algebra and Differential Equations)	Math 125 (or Math 130)	3 or 5
Linear Algebra (or Linear Algebra and Differential Equations)	Math 120 (or Math 130)	3 or 5
4 semester courses in science (to include physics and chemistry)	Phys 4A, 4B, 4C, 4AL, 4BL, 4CL, and Chem 103A or Chem 101A	20
1 semester course in computing science	ENGN 38 or CS 111A <i>(Suggest ENGN 10B as an additional course)</i>	3
3 or more courses in engineering science	ENGN 36 (Statics) ENGN 37 (Dynamics) ENGN 45 (Material Science) <i>Suggest ENGN 1A or GIS 110 as an additional course)</i>	9
2 semesters of intensive writing	ENGL 1A ENGL 1B or 1C	3 3
2 or more semesters of liberal studies		6
	Total minimum credits	64