

Academic Alliance for Degree Completion at Fairfield University

Gateway Community College and the Fairfield University School of Engineering have established an articulation agreement that allows Gateway graduates to transfer their courses to Fairfield University. By this arrangement, Gateway students who have earned their associate's degree in engineering science and wish to complete a four-year bachelor of science degree in engineering can do so in minimal time and in a cost-effective manner. Students can enroll in the bachelor's degree program in electrical engineering or mechanical engineering. The articulation agreement allows the transfer of credits as shown on the inside panel. Students interested in completing their degrees in either software engineering or computer engineering should contact the Fairfield University School of Engineering directly by calling (203) 254-4147, or by e-mail to htaylor@mail.fairfield.edu.

At Fairfield University, class sizes are kept small so that students have the opportunity to work closely with their professors and classmates. The engineering faculty at Fairfield has outstanding academic credentials, as well as industrial experience. They assist in transforming their students into professional engineers by employing hands-on teaching techniques, including in-class projects and computer simulations. Learning in the

classroom is reinforced in state-of-the-art laboratories which are upgraded annually with sophisticated instrumentation. The 6-credit capstone class, the Senior Design Project, provides a crucial learning experience for all engineering students.

Once at Fairfield, students can take advantage of a full spectrum of academic and career services, including out-of-class assistance by faculty-level tutors, and career counseling at the University's Career Planning Center.

An important feature of the Fairfield University program is the placement of students in paid internships arranged by the School of Engineering.

If you are interested in completing your engineering degree at Fairfield University, please contact the COT Coordinator, **Prof. Richard Fiore**, (203) 285-2357 on the Gateway campus. For further information on the Fairfield University programs, please visit the web site at www.fairfield.edu/engineering.



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Fairfield, Connecticut
www.fairfield.edu

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Fairfield University
School of Engineering

AND

**GATEWAY
COMMUNITY COLLEGE**



*Academic Alliance
for Degree Completion*

A program designed for Gateway Community College students to extend their associate's degree into a four-year bachelor of science degree in engineering from Fairfield University.



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Gateway
Community
College

Open Doors Open Minds

Gateway Community College and Fairfield University Articulation Agreement for Engineering Science



Additional benefits for students pursuing degree completion in the School of Engineering (SOE) of Fairfield University:

1. Student Services:

- Tutorial assistance: daily and free of charge, Monday-Thursday, 6:30 - 9:30 p.m., in the tutorial center of the SOE. Degreed engineering professionals provide this assistance.
- Continuous overseeing of students' academic performance, mentoring and advising.

2. Financial Aid:

Modest financial aid is reserved for GwCC students who transfer to Fairfield University on a part time basis. The School of Engineering provides this aid. Two \$2,500 scholarships are awarded annually to Community College students who transfer to engineering at Fairfield. These awards are competitive. Full time students may apply for financial aid at the University Financial Aid Office.

3. Bridge Course:

Gateway Community College students with a technology degree may be prepared to enter engineering studies at Fairfield by taking a bridge course EG32, one semester of calculus-based physics. Arrangements can be made for those courses to be offered on the GwCC campus or online. For a class of at least ten students in a bridge course, the tuition will be equivalent to that of Gateway Community College, rather than the one at Fairfield University.

4. Part Time vs. Full Time Students:

Students in Fairfield's Engineering School may pursue their studies on a part time or full time basis. As a part time student, one may take as many as 11 credit hours every term at a per credit fee of \$410. Tuition for full time students is \$31,450 per year, and students usually take as many credit hours as they feel they can carry, usually 16-18 per semester.

5. Internships:

Fairfield engineering students may take advantage of internships in industry, arranged for them by the School. Transfer students can also take advantage of the SOE internship program immediately as they commence their studies at Fairfield.

GCC COURSES	CREDITS	FAIRFIELD UNIVERSITY
CAD 110 Computer Aided Drafting I	3 3	CD 211 Engineering Graphics
CET 124 Structured Programming	4 3	CS 131 Computer Programming I
CHE*121 General Chemistry I	4 4	CH 11 Inorganic Chemistry I (w/lab)
ECN*101 Macroeconomics	3 3	EC 12 Intro Macroeconomics
EGR 211 Engineering Statics	3 3	ME 201 Engineering Statics
EGR 212 Engineering Dynamics	3 3	ME 203 Kinematics & Dynamics
Elective Social Science	3 3	SS EL Social Science
Elective Art, Drama, or Music	3 3	AH 10 Origins & Trans. Western Art
Electives Restricted**	4 4	EE 245 Digital Design I (w/lab)
Electives Restricted**	3 3	ME 241 Principles of Thermodynamics

ENG*101 Composition	3 3	EN 11 Composition & Prose
ENG*102 Literature and Composition	3 3	EN 12 Introduction to Literature
HIS*101 Western Civilization	3 3	HI 30 Europe & World in Transition
MAT*254 Calculus I	4 3	MA 125 Calculus I
MAT*256 Calculus II	4 3	MA 126 Calculus II
MAT*268 Calculus III	4 3	MA 227 Calculus III 3 MA 228 Calculus IV
MAT*285 Differential Equations	3 3	MA 321 Ordinary Differential Equations
PHL*111 Ethics	3 3	PH EL Philosophy Elective
PHY*221 Calculus-Based Physics I	4 4	PS 15 General Physics I (w/lab)
PHY*222 Calculus-Based Physics II	4 4	PS 16 General Physics II (w/lab)
Total Transfer	68 67	

*Indicates common numbering across Connecticut Community College system

**Restricted electives should be chosen according to the proposed major at Fairfield's School of Engineering. For example, ENG* 202 and EET 250 would suit electrical engineering pathway students, and MEC 220 and MEC 222 would suit mechanical engineering pathway students.

For further information, contact the COT Coordinator, **Prof. Richard Fiori, (203) 285-2357** on the Gateway campus, or the Fairfield University School of Engineering **Associate Dean Bill Taylor, Ph.D., at (203) 254-4147**.