Academic Alliance for Degree Completion at Fairfield University

Housatonic Community College and the Fairfield University School of Engineering have established an articulation agreement that allows Housatonic graduates to transfer their courses to Fairfield University. By this arrangement, Housatonic students who have earned their A.S. in engineering science and wish to complete a four-year bachelor of science degree in engineering at Fairfield University 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 Fairfield's School of Engineering directly by calling **(203) 254-4147** or e-mailing Associate Dean Bill Taylor at **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 have outstanding academic credentials, as well as industrial experience. They assist in transforming their students into professional engineers. They employ 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 six-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 Alliance Coordinator, **Prof. Michael Simon, Rm. C218, (203) 332-5158** on the Housatonic campus. For further information on the Fairfield University programs, please visit the Web site at **www.fairfield.edu/x17352.xml.**

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Fairfield, Connecticut
www.fairfield.edu

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Fairfield University
School of Engineering

AND

HOUSATONIC COMMUNITY COLLEGE

Academic Alliance for Degree Completion

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

Fairfield UNIVERSITY
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HCC HOUSATONIC COMMUNITY COLLEGE

Housatonic Community College and Fairfield University Articulation Agreement for Engineering Science

HOUSATONIC	CREDITS		FAIRFIELD
ART* E101 Art History	3	3	AH 10 Orig & Trans in Western Art
CAD* E133 CAD	3	3	CD 211 Engineering Graphics I
CHE* E121 General Chemistry I	4	4	CH 11 General Inorganic Chemistry I
CHE* E122 General Chemistry II	4	4	CH 12 General Inorganic Chemistry II
CSC* E106 Structured Programming in C	3	3	CS 131 Computer Programming I
ECN* E102 Principles of Microeconomics	3	3	EC 11 Intro to Microeconomics
EGR* E211 Engineering Statics[1]	3	3	ME 201 Engineering Statics
EGR* E212 Engineering Dynamics[1]	3	3	ME 203 Kinematics & Dynamics
ENG* E101 Composition	3	3	EN 11 Composition and Prose Literature
ENG* E102 Literature & Composition	3	3	EN 12 Introduction to Literature and Writing
HIS* E101 Western Civilization I	3	3	HI 30 Europe & World in Transition
MAT* E254 Calculus I[2]	4	3	MA 125 Calculus I: (Eng/Physics majors)
MAT* E256 Calculus II[2]	4	3	MA 126 Calculus II: (Eng/Physics majors)
MAT* E268 Calculus III: Multivariable[2]	4	3	MA 227 Calculus III: (Eng/Physics majors)
		3	MA 228 Calculus IV: (Eng/Physics majors)
MAT* E285 Differential Equations	3	3	MA 321 Ordinary Diff Equations
MFG* E102 Manufacturing Processes	3	3	EG 31 Fundamentals of Engineering I
PHL* E151 World Religions	3	3	RS 10 Intro to Religious Studies
PHY* E221 Calc-based Physics I	4	4	PS 15 General Physics I (Eng/Physics majors)
PHY* E222 Calc-based Physics II	4	4	PS 16 General Physics II (Eng/Physics majors)
TOTAL TRANSFER[3]	**64**	**64**	

Additional benefits for students pursuing degree completion in the School of Engineering (SOE) at 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, plus mentoring and advising.

2. Financial Aid: Modest financial aid is reserved for HCC 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.

Those students who enter their Fairfield studies on a full time basis may apply for financial aid through the University's Financial Aid Office.

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

4. Part Time vs. Full Time Students: Students in Fairfield's School of Engineering 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 for a per credit fee of $410. In contrast, tuition for full time students is $31,450 per year, and students usually take as many credit hours as they may feel they can carry (generally 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 upon beginning their studies at Fairfield.

NOTES:

1. Courses not offered at HCC but may be taken at Fairfield University at a reduced rate for Housatonic Community College students.
2. The three calculus courses given by HCC are equivalent to the four calculus courses, MA 125, MA 126, MA 227, and MA 228 given by Fairfield University.
3. Several additional core courses may be transferred, but the student should check with Fairfield University first.

For further information, contact the ontact the Alliance Coordinator, Prof. Michael Simon, Rm. C218, (203) 332-5158 on the Housatonic campus, or the Fairfield University School of Engineering Associate Dean Bill Taylor, Ph.D. at (203) 254-4147.