



Bachelor of Engineering– Student entering 2017 Fall

Study Plan Application for Candidacy (check one)

Stevens Institute of Technology
Castle Point on Hudson
Hoboken, NJ 07030
Office of the Registrar
201.216.5210
FAX 201.216.8030

Name _____ ID: _____ Class: _____ Box S- _____ Email: _____

Major Concentration Field: Computer Engineering Secondary Concentration Field: _____

Please print or type. The primary purpose of this form is to lay out the courses required to complete your degree program and when you expect to take each of them. You may then use it to track your own progress to the degree. You should revise it as needed. Please indicate the term when you expect to take each course (e.g., 2015F, 2016S, etc.). Roman numerals indicate the standard curriculum time schedule. If a choice of course is given for the requirement, circle the appropriate course number. For electives, fill in the course number. Any course taken elsewhere should be marked TR. An additional study plan will be required if any of you wish to receive a minor or a second degree.

Term	Course	Credits	Grade	Term	Course	Credits	Grade
TERM I				TERM III			
<u>S11</u>	CH 115 General Chemistry I	3.0	<u>C+</u>	<u>S12</u>	E 126 Mechanics of Solids	4.0	<u>C+</u>
<u>S11</u>	CH 117 General Chemistry Laboratory	1.0	<u>A</u>	<u>S12</u>	E 231 Engineering Design III	2.0	<u>B+</u>
<u>S11</u>	E 101 Engineering Experience	1.0	<u>P</u>	<u>S12</u>	E 245 Circuits and Systems	3.0	<u>B+</u>
<u>S11</u>	E 115 Introduction to Programming	2.0	<u>A</u>	<u>S12</u>	MA 221 Differential Equations	4.0	<u>C</u>
<u>S11</u>	E 120 Engineering Graphics	1.0	<u>A-</u>	<u>S12</u>	PEP 112 Electricity and Magnetism	3.0	<u>A-</u>
<u>S11</u>	E 121 Engineering Design I	2.0	<u>A</u>	<u>S12</u>	<u>Humanities¹ HHS-130</u>	<u>3.0</u>	<u>B+</u>
<u>S11</u>	MA 121 Differential Calculus	2.0	<u>A</u>				
<u>S11</u>	MA 122 Integral Calculus	2.0	<u>A</u>				
<u>S11</u>	CAL 103 <i>Writing & Communication Colloquium</i>	3.0	<u>C+</u>				
TERM II				TERM IV			
<u>F11</u>	<u>Science Elective² CH-116</u>	<u>3.0</u>	<u>C-</u>	<u>F12</u>	<u>CPE 360 Computational Data Structures & Algorithms</u>	<u>3.0</u>	<u>A-</u>
<u>F11</u>	<u>Science Elective Laboratory² CH-118</u>	<u>0/1.0</u>	<u>B+</u>	<u>F12</u>	<u>CPE 390 Microprocessor Systems</u>	<u>4.0</u>	<u>B-</u>
<u>F11</u>	E 122 Engineering Design II	2.0	<u>A-</u>	<u>F12</u>	E 232 Engineering Design IV	3.0	<u>A-</u>
<u>F11</u>	MA 123 Series, Vectors, Functions and Surfaces	2.0	<u>B+</u>	<u>F12</u>	E 234 Thermodynamics	3.0	<u>B+</u>
<u>F11</u>	MA 124 Calculus of Two Variables	2.0	<u>B+</u>	<u>F12</u>	<u>MA134 Discrete Mathematics</u>	<u>3.0</u>	<u>C</u>
<u>F11</u>	MGT 103 Intro to Entrepreneurial Thinking	2.0	<u>A</u>	<u>F12</u>	<u>Humanities¹ BT-244</u>	<u>3.0</u>	<u>A</u>
<u>F11</u>	PEP 111 Mechanics	3.0	<u>A</u>				
<u>F11</u>	CAL 105 <i>Knowledge, Nature, Culture</i>	3.0	<u>A-</u>				

Original Revision 2nd Degree

Student Signature: _____ Date: _____
Faculty Advisor Signature: _____ Date: _____
UG Records Auditor: _____ Date: _____

Revised August 2017



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TERM V			
S13	EE 471 Transport Phenomena in Solid State Devices 4.0		A
S13	CPE 487 Digital System Design	3.0	A
S13	Humanities ¹ BT-243	3.0	A
S13	E 321 Engineering Design V	2.0	A
S13	E 243 Probability and Statistics for Engineers	3.0	A
S13	E 344 Materials Processing	3.0	A-
TERM VI			
F13	CPE 322 Engineering Design VI	2.0	A
F13	CPE 345 Modeling and Simulation	3.0	A
F13	CPE 462 Intro. to Image Processing & Coding 3.0		A
F13	E 355 Engineering Economics	4.0	A-
F13	Science Elective II ² CH-118	3.0	B+
F13	GE ³ EM-275	3.0	A
F13	IDE ⁴ 400 Senior Innovation I	1.0	A

Notes:

1. Humanities Requirement - Four additional humanities classes. At least one must be at the 100 or 200 level, at least one must be at the 300 or 400 level, and courses must cover at least two different disciplines within CAL.

2. Computer Engineering students can choose from CH 116, CH 281, PEP 201 w/ lab, NANO 200, EN 250, PEP 151, CE 240, PEP 242, PEP 336, and PEP 351 as long as one lab is included in the 2 courses to fulfill science requirement.

3. General Education Electives – chosen by the student – can be any approved 3 or 4 credit course used towards a minor, major concentration, research, independent study, language courses, or a course taken during an international experience.

4. IDE 400 can be taken concurrently with IDE 401 in Term VII as determined by the engineering program.

5. These courses are the Core major courses for the Computer Engineering program.

6. PE Requirement- All students must complete a minimum of four semesters of Physical Education (P.E.) in non-repeating courses. No credit or grades are awarded for P.E. classes. Participation in varsity sports may be used to satisfy up to three credits of the P.E. requirement.

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Term	Course	Credits	Grade
TERM VII			
S14	CPE 423 Engineering Design VII	3.0	A
S14	CPE 490 Information Systems Engineering I	3.0	B+
S14	IDE ⁴ 401 Senior Innovation II	1.0	A
S14	GE ³ HSS-175	3.0	B
S14	Technical Elective EE-586	3.0	B
S14	Technical Elective CS-570	3.0	A
TERM VIII			
S14	CPE 424 Senior Design VIII	3.0	A
S14	Technical Elective CPE-441	3.0	A
S14	Technical Elective CS-550	3.0	B
S14	Humanities ¹ HPL-339	3.0	B-
S14	GE ³ LSP-102	3.0	B+
S14	IDE ⁴ 402 Senior Innovation III	1.0	A

Additional Courses

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

PE Required Courses⁶

Term	Course	Credits	Grade	Term	Course	Credits	Grade
_____	PE 200		PE	_____	PE 200		PE
_____	PE 200		PE	_____	PE 200		PE

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