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

Bachelor of Engineering – Student entering 2017 Fall
Study Plan   Application for Candidacy (check one)

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**		
_____	CH 115 General Chemistry I	3.0	_____		_____	E 126 Mechanics of Solids	4.0	_____
_____	CH 117 General Chemistry Laboratory	1.0	_____		_____	E 231 Engineering Design III	2.0	_____
_____	E 101 Engineering Experience	1.0	_____		_____	E 245 Circuits and Systems	3.0	_____
_____	E 115 Introduction to Programming	2.0	_____		_____	MA 221 Differential Equations	4.0	_____
_____	E 120 Engineering Graphics	1.0	_____		_____	PEP 112 Electricity and Magnetism	3.0	_____
_____	E 121 Engineering Design I	2.0	_____		_____	**Humanities[1]**_____	**3.0**	_____
_____	MA 121 Differential Calculus	2.0	_____					
_____	MA 122 Integral Calculus	2.0	_____					
_____	CAL 103 *Writing & Communication Colloquium*	3.0	_____					
	TERM II					**TERM IV**		
_____	**Science Elective[2]**_____	**3.0**	_____		_____	**CPE 360 Computational Data Structures & Algorithms**	**3.0**	_____
_____	**Science Elective Laboratory[2]**_____	**0/1.0**	_____		_____	**CPE 390 Microprocessor Systems**	**4.0**	_____
_____	E 122 Engineering Design II	2.0	_____		_____	E 232 Engineering Design IV	3.0	_____
_____	MA 123 Series, Vectors, Functions and Surfaces	2.0	_____		_____	E 234 Thermodynamics	3.0	_____
_____	MA 124 Calculus of Two Variables	2.0	_____		_____	**MA134 Discrete Mathematics**	**3.0**	_____
_____	MGT 103 *Intro to Entrepreneurial Thinking*	2.0	_____		_____	**Humanities[1]**_____	**3.0**	_____
_____	PEP 111 Mechanics	3.0	_____					
_____	CAL 105 *Knowledge, Nature, Culture*	3.0	_____					

Original   Revision   2nd Degree

Student Signature: _____   Date:_____
Faculty Advisor Signature: _____   Date:_____
UG Records Auditor: _____   Date:_____   Revised August 2017

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Term	Course	Credits	Grade	Term	Course	Credits	Grade
	TERM V				**TERM VII**		
_____	**EE 471 Transport Phenomena in Solid State Devices**	**4.0**	_____	_____	**CPE 423 Engineering Design VII**	**3.0**	_____
_____	**CPE 487 Digital System Design**	**3.0**	_____	_____	**CPE 490 Information Systems Engineering I**	**3.0**	_____
_____	**Humanities[1]**_____	**3.0**	_____	_____	**IDE[4] 401 Senior Innovation II**	**1.0**	_____
_____	E 321 Engineering Design V	2.0	_____	_____	**GE[3]**_____	**3.0**	_____
_____	E 243 Probability and Statistics for Engineers	3.0	_____	_____	Technical Elective_____	3.0	_____
_____	E 344 Materials Processing	3.0	_____	_____	Technical Elective_____	3.0	_____
	TERM VI				**TERM VIII**		
_____	**CPE 322 Engineering Design VI**	**2.0**	_____	_____	**CPE 424 Senior Design VIII**	**3.0**	_____
_____	**CPE 345 Modeling and Simulation**	**3.0**	_____	_____	Technical Elective_____	3.0	_____
_____	**CPE 462 Intro. to Image Processing & Coding**	**3.0**	_____	_____	Technical Elective_____	3.0	_____
_____	E 355 Engineering Economics	4.0	_____	_____	**Humanities[1]**_____	**3.0**	_____
_____	**Science Elective II[2]**_____	**3.0**	_____	_____	**GE[3]**_____	**3.0**	_____
_____	**GE[3]**_____	**3.0**	_____	_____	**IDE[4] 402 Senior Innovation III**	**1.0**	_____
_____	**IDE[4] 400 Senior Innovation I**	**1.0**	_____				

Additional Courses

____	_____	____	____
____	_____	____	____
____	_____	____	____
____	_____	____	____

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.

PE Required Courses[6]

Term	Course	Credits	Grade	Term	Course	Credits	Grade
____	PE 200_____	PE	___	____	PE 200_____	PE	___
____	PE 200_____	PE	___	____	PE 200_____	PE	___

Original   Revision   2nd Degree

Student Signature: _____ Date:_____

Faculty Advisor Signature: _____ Date:_____

UG Records Auditor: _____ Date:_____

Revised August 2017