

Associate of Science Degree General Engineering Planning Sheet Highline Community College

This worksheet is not intended as a substitute for meeting with an Engineering Advisor.
For advising help visit: <http://flightline.highline.edu/engineering/home.htm>

Courses Required For A.S. Degree (45 credits) Planned Qtr/Year

<input type="checkbox"/>	Writ 101	(5 cr)	Principles of Writing	_____
<input type="checkbox"/>	Math 124	(5 cr)	Calculus I	_____
<input type="checkbox"/>	Math 125	(5 cr)	Calculus II	_____
<input type="checkbox"/>	Math 126	(5 cr)	Calculus III	_____
<input type="checkbox"/>	Physics 201	(5 cr)	Mechanics	_____
<input type="checkbox"/>	Physics 202	(5 cr)	Electricity & Magnetism	_____
<input type="checkbox"/>	Physics 203	(5 cr)	Modern Physics	_____
<input type="checkbox"/>	Chem 151	(5 cr)	General Chemistry I	_____
<input type="checkbox"/>	CSci 142	(5 cr)	Obj-Orient Programming I Java	_____

Humanities and Social Sciences (15 credits)

<input type="checkbox"/>	Humanities	(5 cr)		_____
<input type="checkbox"/>	Social Science	(5 cr)		_____
<input type="checkbox"/>	Humanities or Social Science	(5 cr)		_____

Additional Courses (31 credits)

A minimum of 31 credit hours should be taken from the following list. Students do not need to take all of the courses on the list. Particular course requirements depend on institution and major. **All students should take Engr 100 as early as possible during their first year.**

<input type="checkbox"/>	Engr 100	(1 cr)	Orientation to Engr Careers	_____
<input type="checkbox"/>	Engr 123	(5 cr)	Engineering Graphics	_____
<input type="checkbox"/>	Draft 124 or 126	(5 cr)	Computer Aided Drafting	_____
<input type="checkbox"/>	Engr 210	(5 cr)	Statics	_____
<input type="checkbox"/>	Engr 215	(5 cr)	Fund of Electrical Engr	_____
<input type="checkbox"/>	Engr 220	(5 cr)	Mechanics of Materials	_____
<input type="checkbox"/>	Engr 230	(5 cr)	Dynamics	_____
<input type="checkbox"/>	Engr 260	(5 cr)	Thermodynamics	_____
<input type="checkbox"/>	Math 220	(5 cr)	Linear Algebra	_____
<input type="checkbox"/>	Math 225	(5 cr)	Calculus IV	_____
<input type="checkbox"/>	Math 230	(5 cr)	Differential Equations	_____
<input type="checkbox"/>	Chem 152	(5 cr)	General Chemistry II	_____
<input type="checkbox"/>	Chem 153	(5 cr)	General Chemistry III	_____
<input type="checkbox"/>	Chem 201/204	(5 cr)	Organic Chem I/Chem Lab I	_____
<input type="checkbox"/>	Chem 202/205	(5 cr)	Organic Chem II/Chem Lab II	_____
<input type="checkbox"/>	Writ 143	(5 cr)	Intro to Tech Writing	_____
<input type="checkbox"/>	Biology 201	(5 cr)	Cell Biology	_____
<input type="checkbox"/>	Biology 202	(5 cr)	Animal Biology	_____
<input type="checkbox"/>	CSci 143	(5 cr)	Obj-Orient Programming II Java	_____
<input type="checkbox"/>	CSci 151	(5 cr)	Exploring Computer Science C++	_____
<input type="checkbox"/>	CSci 152	(5 cr)	Data Structures with C++ and .NET	_____

Total credits = 91

AS Planning Sheet

With your faculty advisor, use the area below to plan the classes that you will to take each quarter. Students are encouraged to take Engr 100 as early as possible. Remember not all classes are offered every quarter.

Fall	Winter	Spring	Summer

Fall	Winter	Spring	Summer

Fall	Winter	Spring	Summer

Advisor/Student notes:

Advisor Name _____

Advisor Email _____

Advisor Ext. _____

This worksheet is not intended to substitute for planning with your faculty advisor. Check with the university that you plan to transfer to regarding classes and GPA admissions standards.