

Name _____

Campus key _____

LEVEL I (FIRST YEAR) – 35-36 credits (Prerequisite) Cr Sem. Grade TR Equiv.

Hallmark Courses – 23-24 credits

FYS-100	Pathways Seminar <small>(Not required for transfer students)</small>		1	<input type="checkbox"/>			
WRIT-101/G/S	Writing Seminar I: Written Communication <small>(WRIT-100 may only be used to satisfy free elective credits)</small>		3-4	<input type="checkbox"/>			
AMST-114	Topics in American Studies		3	<input type="checkbox"/>			
CHEM-103/103L	Chemistry I w/ Lab		4	<input type="checkbox"/>			
PHYS-201/201L	Physics I w/ Lab <small>(pre-or co-requisite MATH-112)</small>		4	<input type="checkbox"/>			
MATH-111	Calculus I (Fall) <small>(MATH-110 Pre-Calculus for Sci. & Engr. may be required prior to taking MATH-111)</small>		4	<input type="checkbox"/>			
MATH-112	Calculus II (Spring) <small>(MATH-111)</small>		4	<input type="checkbox"/>			

DEC Core - 3 credits

DECF 102	Finding and Shaping Opportunity		3	<input type="checkbox"/>			
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Engineering Courses – 9 credits

ENGR-101	Introduction to Engineering (Fall)		3	<input type="checkbox"/>			
ENGR-102	Engineering Drawing <small>(co-requisite MATH 102, MATH-110 or MATH-111)</small>		3	<input type="checkbox"/>			
ENGR-104	Introduction to Computing		3	<input type="checkbox"/>			

LEVEL II (SECOND YEAR) – 32-33 credits (Prerequisite) Cr Sem. Grade TR Equiv.

Hallmark Courses – 6-7 credits

ADIV-2()	American Diversity <small>(WRIT-101, AMST-114)</small>		3	<input type="checkbox"/>			
WRIT-201/202	Writing Seminar II: Multi-media Communication <small>(WRIT 202 is for transfer students [4 or])</small>		3-4	<input type="checkbox"/>			

DEC Core - 3 credits

DECSYS-2()	Science		3	<input type="checkbox"/>			
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Engineering, Science & Math Courses – 23 credits

PHYS-203/203L	Physics II w/ Lab (Fall) <small>(PHYS-201/201L)</small>		4	<input type="checkbox"/>			
MATH-213	Calculus III (Fall) <small>(MATH-112)</small>		4	<input type="checkbox"/>			
ENGR-215	Engineering Statics (Fall) <small>(MATH 111, PHYS-201/201L)</small>		3	<input type="checkbox"/>			
ENGR 305	Engineering Statistics (Fall) <small>(MATH 112)</small>		3	<input type="checkbox"/>			
MATH-225	Differential Equations (Spring) <small>(MATH-213)</small>		3	<input type="checkbox"/>			
ENGR-218	Engineering Dynamics (Spring) <small>(ENGR-215; MATH 112, PHYS 201/201L)</small>		3	<input type="checkbox"/>			
ENGR-301	Mechanics of Materials (Spring). <small>(MATH 112, PHYS 201-201L, ENGR-215)</small>		3	<input type="checkbox"/>			

LEVEL III (THIRD YEAR) - 30.5 credits (Prerequisite) Cr Sem. Grade TR Equiv.

Hallmark Courses – 3 credits

GDIV/GCIT-2()	Global Diversityor.... Global Citizenship <small>(Spring) (WRIT-101, AMST-114)</small>		3	<input type="checkbox"/>			
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Engineering Courses – 27.5 credits

ENGR-302	Design for Manufacturability (Fall) <small>(ENGR-102)</small>		3	<input type="checkbox"/>			
ENGR-311	Fluid Mechanics (Fall) <small>(ENGR-218)</small>		3	<input type="checkbox"/>			
ENGR-322	Fund. of Elec. Engg. I (Fall). <small>(MATH 111, MATH 112, PHYS-203/203L)</small>		3	<input type="checkbox"/>			
MENG-407	Thermodynamics(Fall) <small>(PHYS-201/201L, MATH-112)</small>		3	<input type="checkbox"/>			
ENGR-308	Integrated Engr Product Dev (Spring) <small>(MATH-112, ENGR-104, ENGR-102)</small>		3	<input type="checkbox"/>			
ENGR-314	Numerical Methods for Engineers (Spring) <small>(MATH-225, ENGR-104)</small>		3	<input type="checkbox"/>			
ENGR-210	Introduction to Material Science (Spring) <small>(MATH-110 or 111, CHEM-103/103L)</small>		3	<input type="checkbox"/>			
ENGR 405	Engineering Simulations <small>(ENGR 301)</small>		3	<input type="checkbox"/>			
MENG-301	Machine Design (Spring) <small>(ENGR-218, ENGR 301)</small>		3	<input type="checkbox"/>			

Please note Thomas Jefferson University residency requirement:

Thomas Jefferson University has a residency requirement of 60 credits for Day Division students. Students must take a minimum of 60 credits – 12 credits must be within the major core; 9 credits must be in Hallmark courses in order to be eligible for a B.S. degree.

This form should be used as a worksheet in conjunction with the catalog and the Hallmark “menu” of options. Please refer to the University catalog for questions regarding curriculum and academic policies.

COURSE STATUS: = course to take next semester = course currently being taken = course completed
