

Regents Engineering Pathway Program*

Freshman and Sophomore years, you will be taking general education courses known as Core IMPACTS. Core IMPACTS supports your future success and prepares you for upper-level courses and your career!

Year One

TERM 1

ENGL 1101 English Composition I
MATH 1251 Calculus I
CHEM 1211K Principles of Chemistry I
POLS 1101 American Government
MATH 1371 Computing for the Mathematical Sciences

TERM 2

ENGL 1102 Composition II
MATH 2252 Calculus II
PHYS 2211 Principles of Physics I
HIST 2111/2112 U.S. History

Year Two

TERM 3

MATH 2253 Calculus III
MATH 2260 Introduction to Linear Algebra
PHYS 2212K Principles of Physics II
ENGR 2210 Statics
ENGR 2500 Surveying and Geomatics

TERM 4

MATH 2270 Differential Equations
Lab Science
ENGR 2220 Dynamics
ENGR 2230 Mechanics of Deformable Bodies
ENGR 2040 Circuit Analysis

Milestones

Earn a grade of "C" or higher in English, Math, and the MATH 1251, MATH 2252, CHEM 1211, PHYS 2211 and PHYS 2212 courses.

Get Involved: Visit [Knight Life](#) for information on Clubs & Organizations like Knights Academy.

Meet with your advisor to discuss academic progress and future academic goals. *REPP is not a degree program, but a curriculum of courses designed to make your transfer as an engineering student as seamless as possible.

Transfer: Apply and prepare for transfer to another institution by term 3.

Career Connection: Take a career assessment & review with a career advisor at the [CCLD](#).

Career Connection: Check in with a career advisor to update your resume, Handshake, and LinkedIn profile.



**Skills to Add to Your
Resume and LinkedIn**

Skills Gained During Freshman & Sophomore Year

Critical Thinking | Teamwork | Persuasion | Time Management | Inquiry & Analysis | Problem Solving
Information Literacy | Intercultural Competence | Persuasion | Ethical Reasoning | Perspective - Taking