

CONSULTING ENGINEERING PROGRAM CERTIFICATE

Exceptions to these program course requirements require approval by the Consulting Engineering Program Advisor.

Registration for & sitting for the Fundamentals of Engineering Exam is required.

Requirements

Through the generosity of J. B. Wilson, a prominent consulting engineer of Indianapolis, a program was established in 1973 to emphasize career opportunities in the field of consulting engineering and to provide selected courses which would be beneficial to students interested in consulting engineering careers.

Listed below is a program guide of recommended courses for a student interested in consulting engineering. This is not a degree program but is a supplement to the normal engineering degree programs. Some of the courses are in addition to the normal engineering degree programs and may result in a student earning more credits than are required for the B.S. degree in a specific discipline.

Students desirous of pursuing the Consulting Engineering Program should enroll in the Program by filing a declaration-of-intent form with the Program advisor, who serves as Chair of the Program. In order to be certified as having completed the Program, a student is required to successfully complete the prescribed list of courses, complete the requirements for a degree in Engineering, and take the Fundamentals of Engineering examination prior to graduation.

Upon completion of the program, students will receive a Certificate of Completion at the time of their graduation from Rose-Hulman Institute of Technology. Completion of the program will be noted on the student's official transcript but not on the diploma. The Consulting Engineer Program advisor is Dr. Kevin Sutterer P.E., Ph.D., Department of Civil and Environmental Engineering.

Download the Consulting Engineering Intention Form (https://www.rose-hulman.edu/academics/degrees-and-programs/_assets/certificates/Cons-Engr-Intention-Form.pdf)

Code	Title	Hours
Select one of the following:		2
EM 102	Graphical Communications for Civil Engineers	
EM 104	Graphical Communications	
BE 118	Design Thinking and Communication	
ENGD 100	Design & Communication Studio	
ENGL H290	Technical & Professional Communication	4
or ENG D 250	Human Computer Interfaces Studio	
ECON S253	Managerial Economics	4
or EMGT 532	Technical Entrepreneurship	
Select one of the following:		4
CE 303	Engineering Economy	
CHE 416	Design I: Proc Econ & Equip Dsn	
EMGT 567	Economic Analysis of Engineering Projects	
EMGT M552	Business Law for Technical Managers	4
or EMGT 551	Intellectual Property for Engineers and Scientists	
MDS 450	Consulting Engineering Seminar	2
Engineering Design (any senior capstone design course or courses)		4
Total Hours		24