

# ENGINEERING CONCEPTS - MINOR

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The Minor in Engineering Concepts is intended for students with majors outside the College of Engineering. The minor exposes them to the concepts of engineering design, analysis, and application so that they may work cooperatively and productively with engineers to improve society through technology and other advances.

Upon completion of this minor, students should be able to explain the general engineering design process and its components; differentiate respective engineering fields, their topical focuses, and typical applications; employ basic quantitative methods engineers commonly use to enhance understanding of problems; and relate engineering design process and analytical tools to at least 3 areas of major societal pursuit.

## Program Requirements

Code	Title	Semester Credit Hours
CLEN 101	Engineering Approaches to Problems	3
CLEN 201	Tools for Engineering Analysis	3
Select three of the following:		9
CLEN 301	Humanity and Materials	
CLEN 302	Survey of Nuclear Technology	
CLEN 303	Renewable Energy and the Environment	
CLEN 304	Pushing the Limits of Construction - Taller, Stronger, Leaner	
<b>Total Semester Credit Hours</b>		<b>15</b>