ENGINEERING CONCEPT, CREATION, AND COMMERCIALIZATION - CERTIFICATE

The Engineering Concept, Creation, and Commercialization Certificate provides students with the training and experience to develop their ideas, create/design solutions to solve customer needs, and to understand the process of commercializing developed solutions. The program focuses on developing an entrepreneurial mindset which will be valuable to the students as employees of companies or as creators of their own startup. Students from any engineering major may find great value in the knowledge and skills this certificate develops. The certificate is offered by the Engineering Entrepreneurship Program (https://engineering.tamu.edu/student-life/eep/), which offers a range of engagement opportunities to complement in-class learning.

Program Requirements

Code	Title	Semester Credit Hours
ENGR 262		1
or ENGR 462	or Engineering Entrepreneurship Hour	
ENGR 461	Engineering Product Lean Launch	3
Select three of the following: [1]		9
BMEN 406	Medical Device Path to Market	
BMEN 469	Entrepreneurial Pathways in Medical Devices	
ENDS 101	Design Process	
ENGR 311	Enterprise Basics for Technical Entrepreneurs	
ENGR 312	Sales, Operations and Manufacturing for Technology Companies	
ENGR 421	Technology Company Management, Leadership, and Corporate Culture	
MEEN 490	Entrepreneurship in Nano and Energy Systems	
PETE 453	Petroleum Entrepreneurship	
Total Semester Credit Hours		**13**

[1] Other courses may be approved as prescribed electives by the Certificate Program Director.