

# ENGINEERING CONCEPT, CREATION, AND COMMERCIALIZATION - CERTIFICATE

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This program focuses on developing an entrepreneurial mindset which will be valuable to students as employees of companies or as creators of their own startup.

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. 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
MTDE 252 or ENGR 462	Engineering Entrepreneurship Hour or Engineering Entrepreneurship Hour	1
MTDE 461	Product Lean Launch for Engineers	3
Select three of the following: <sup>1</sup>		9
BMEN 406	Medical Device Path to Market	
BMEN 469	Entrepreneurial Pathways in Medical Devices	
ENDS 101	Design Process	
MTDE 311	Enterprise Basics for Technical Entrepreneurs	
MTDE 312	Sales, Operations and Manufacturing for Technology Companies	
MTDE 313	Engineer to Chief Executive Officer	
MTDE 421	Technology Company Management, Leadership, and Corporate Culture	
PETE 453	Petroleum Entrepreneurship	
<b>Total Semester Credit Hours</b>		<b>13</b>

<sup>1</sup> Other courses may be approved as prescribed electives by the Certificate Program Director.