Capstone Certificate in

ENGINE DESIGN
ONLINE

BEST
ONLINE PROGRAMS
U.S.News & WORLD REPORT
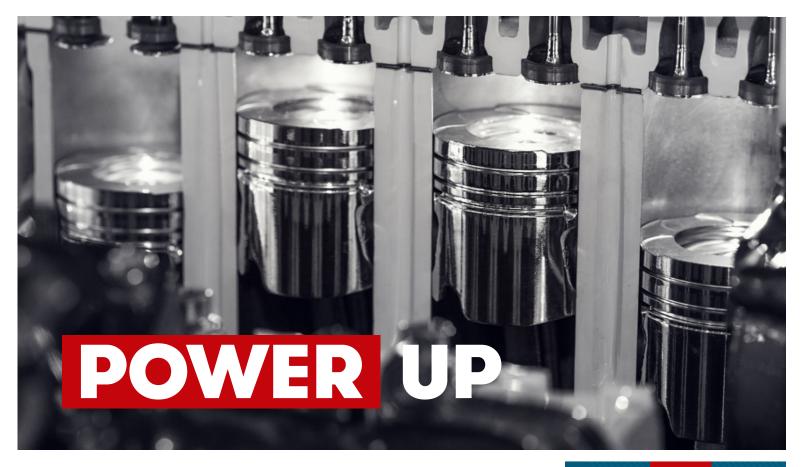GRAD ENGINEERING
2021

UNIVERSITY OF WISCONSIN–MADISON

go.wisc.edu/
eng-engine-design-certificate

POWER UP

Deepen your knowledge of engine design with concentrated study

Based on coursework from our unique Engine Systems master's program
This capstone draws its engine design curriculum directly from the UW–Madison Engine Systems master's program—the ONLY online engineering master's program focused on engines.

It also integrates the internationally recognized expertise concentrated at UW–Madison's Engine Research Center, one of the largest and longest running academic and research programs on engines.

The certificate was developed by UW faculty with the help of engineering leaders from some of the world's best engine companies. Credits can be applied toward the Engine Systems master's degree.

You'll gain a comprehensive base of knowledge
— Identifying key engine design points
— Justifying and incorporating estimates
— Using flexible tooling approaches for machining major engine components, identifying advantages and disadvantages of different approaches
— Creating and justifying design validation test sequences for specific components or sub-systems

Fully online
UW–Madison is widely recognized for advancing knowledge and taking an innovative approach to distance learning.
— You choose when you do most of your work each week
— Participate in online group projects designed to encourage teamwork, insightful discussion, and learning from your instructors and classmates
— Learn from anywhere in the world

AT A GLANCE

CREDENTIAL CONFERRED
Capstone Certificate

FORMAT
100% online,
from anywhere in the world

TIMELINE
3 semesters

CREDITS
9 graduate credits
$1,300 per credit

Take on a bigger role in engine development

A graduate-level deep dive into engine systems

This 100% online certificate program was created for working engineers and those who want to expand their roles and responsibilities throughout the engine development process.

This interactive web-based program provides internal combustion engine expertise with a range of skills in critical areas of IC engine technology. High-level course content is designed to expand your career options in IC engine design and unlock leadership opportunities.

Learn from the best: UW–Madison's online engineering graduate programs are consistently top-ranked by *U.S. News & World Report.*

Curriculum
— Engine Design I
— Engine Design II
— Engine Design III

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WHY WAIT?

Get more information and insight today

For information and insight on the engine design program, contact Dr. Andrea Strzelec at strzelec@wisc.edu.

Dr. Andrea Strzelec
Program Director