

# NUCLEAR ENGINEERING, CERTIFICATE

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This certificate program provides practicing professionals an opportunity to expand their knowledge base in nuclear engineering. It is designed for people who cannot make the full-time commitment to the graduate degree program but would like to receive recognition of their continued effort in the area of study or would like to accumulate credit hours toward their ultimate graduate degree goal.

## Admission

This certificate is designed for students with a B.S. in Civil Engineering or a closely related field.

Code	Title	Hours
<b>Required Courses</b>		
CIVE 500	Introduction to Nuclear Power Generation and Simulation	3
CIVE 501	Nuclear Reactor Engineering and Balance of Plant Systems	3
CIVE 502	Nuclear Process and Radioactive Waste Management, Safeguards	3
CIVE 503	Nuclear Thermodynamics, Simulation, and Advanced Reactor	3
<b>Electives</b>		
	Select at least six additional credit hours from any of the engineering disciplines	6
<b>Total Hours</b>		<b>18</b>