

# CERTIFICATE IN APPLIED ELECTROMAGNETICS

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In this certificate program, students receive advanced preparation for careers in electromagnetic engineering, particularly in areas of RF circuits and systems, electromagnetic wave propagation, antenna theory, and electromagnetic compatibility.

Gainful Employment Disclosure for the Certificate in Applied Electromagnetics

## Curriculum

Code	Title	Credit Hours
<b>Required Courses</b>		(6-7)
ECE 421	Microwave Circuits and Systems	3-4
or ECE 423	Microwave Crct&Systs w/Lab	
ECE 509	Electromagnetic Field Theory	3
<b>Elective Courses</b>		(6)
Select a minimum of two courses from the following:		6
ECE 522	Electromagnetic Compatibility	3
ECE 571	Nanodevices Technology	3
ECE 576	Antenna Theory	3
ECE 578	Microwave Theory	3
<b>Total Credit Hours</b>		<b>12-13</b>