

# PLASTIC AND COMPOSITE MATERIALS

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Students in this certificate program will be exposed to both design and manufacturing considerations of plastics and composite materials. Particular emphasis will be given to the materials for automotive applications. Processes, properties and design of the materials will be examined, and characteristics of the materials manufactured from different processes will be discussed. (12 credit hours)

## Program Requirements

Code	Title	Credit Hours
Select four courses from the following:		
ME 510	Finite Element Methods	3
ME 568	Computational Materials Design	3
ME 580	Advanced Engineering Materials	3
ME 582	Injection Molding	3
ME 583	Mechanical Behavior of Materials	3
ME 589	Composite Materials	3