

MCDD1114 - Manufacturing Processes

Credits:	2 (2/0/0)
Description:	The objective of this course is to develop the student's understanding of processes for casting, molding, forming, separating and assembling a variety of manufacturing-related materials.
Prerequisites:	
Corequisites:	
Pre/Corequisites*:	
Competencies:	<ol style="list-style-type: none"> 1. Analyze expendable and permanent molds for various casting processes. 2. Analyze hot and cold forming and molding processes for plastics. 3. Analyze hot and cold forming techniques for metals. 4. Analyze hot and cold forming techniques for ceramics. 5. Explain separating techniques for turning, milling and related operations. 6. Explain assembly techniques for welding, adhesive bonding and fastening of plastics and metals. 7. Analyze hot and cold forming techniques for composites.
MnTC goal areas:	None

*Can be taking as a Prerequisite or Corequisite.