

Week#	Subject
1	<ul style="list-style-type: none"> - Introduction to manufacturing processes. - Responsibilities of manufacturing engineers. <ul style="list-style-type: none"> - Fundamentals of Metal Forming - Materials behaviour in metal forming
2	<ul style="list-style-type: none"> - Bulk deformation processes, Rolling <ul style="list-style-type: none"> - Forging
3	<ul style="list-style-type: none"> - Extrusion
4	<ul style="list-style-type: none"> - Wire and bar drawing - Sheet metal working
5	<ul style="list-style-type: none"> - Metal casting processes [pemanent molds]
6	<ul style="list-style-type: none"> - Metal casting processes [pemanent molds]
7	<ul style="list-style-type: none"> - Welding processes [fusion and solid state]
8	<ul style="list-style-type: none"> - Introduction to Manufacturing Processes - Introduction to Metal Cutting Processes <ul style="list-style-type: none"> - Workshop and Saftey Equipment - Measuring Equipment - Tolerances in Design & Manufacturing
9	<ul style="list-style-type: none"> - Classification of machine tools - Fundamental of chip-type and tool geometry
10	<ul style="list-style-type: none"> - Understanding chip formation and orthogonal cutting - Cutting tools for machining: tool materials& tool life

11	- Turning machine tools and thread cutting processes
12	- Milling machine tools - Dividing Head and Gear Cutting
13	- Drilling machine tools and related processes - Grinding machine tools and related processes
14	- CAD/CAM /CAE Software - Computer Numerical Control Machines (Theory, Programming and Applications)