

MECHANICAL ENGINEERING (MECHENG)

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MECHENG 3230 Manufacturing Processes 3 Credits

Introduction to polymers. Shaping processes for thermoplastics, thermosets, and elastomeric materials. Primary metal manufacturing processes such as casting, forging, rolling and extrusion. Secondary processes such as forming, bending, drawing, and swaging. Mechanics and economics of metal cutting. Special processes such as powder metallurgy. Design and manufacturing. Manufacturing systems.

Components: Class

Prereqs/Coreqs: P. "C-" or better in MECHENG 3040 and GENENG 2340