COURSE DETAIL

MANUFACTURING PROCESSES
Country Singapore
Host Institution National University of Singapore
Program(s) National University of Singapore
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Mechanical Engineering
UCEAP Course Number 125
UCEAP Course Suffix
UCEAP Official Title MANUFACTURING PROCESSES
UCEAP Transcript Title MANUFACTURE PROCESS
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

Students learn how to convert raw materials into useful products through conventional and advanced manufacturing processes. The course covers the appropriate manufacturing pathways for producing specific products. Topics include an introduction to manufacturing, metal casting, powder metallurgy and processing, bulk deformation processing, sheet metalworking, machining, cutting tool technology, welding, and additive manufacturing.

Language(s) of Instruction
English

Host Institution Course Number
ME2162

Host Institution Course Title
MANUFACTURING PROCESSES

Host Institution Course Details
https://nusmods.com/courses/ME2162/manufacturing-processes

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Mechanical Engineering

Course Last Reviewed
2024-2025

Print