

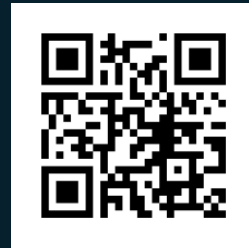
# MANUFACTURING ENGINEERING

STUDY PROGRAM



## Description

Study Program of Manufacturing Engineering, Faculty of Engineering, Universitas Negeri Yogyakarta established based on SK Dikti No. 1260/KPT/I/2018. Engineering Manufacturing is an engineering discipline that deals with various production activities, research and development process system, machinery, tools and equipment. Manufacturing engineering relate to machines that convert raw materials into finished products.



## Vision

Become a manufacturing engineering study program that an excellent, creative and innovative based on devotion, independence, and scholarship in 2024

## Graduate Profile

Manufacturing Engineering Study Program graduates can work as:

- Research & Development (R&D) supervisor or engineer
- Supervisor or design and development engineer product
- Technical Supervisor
- Production Supervisor
- Supervisor Production Planning and Inventory Control (PPIC)
- Quality control supervisor
- Design and manufacturing process consultant
- Entrepreneur in manufacturing

## Curriculum

Curriculum of Manufacturing Engineering Study Program include:

- Basic engineering and science
- Engineering design
- Process, procedure and manufacturing system
- Machine process
- Welding process
- Casting process
- Tool design
- Maintenance and repair of industrial machinery

**FACULTY OF ENGINEERING  
UNIVERSITAS NEGERI YOGYAKARTA**

Karangmalang, Yogyakarta, 55281  
Indonesia

# Infrastructure

The campus is located in a very strategic location. Air-conditioned room for lectures, lecturer rooms, library rooms, special academic room, Applied Mechanics Lab, Metrology Lab, maintenance Lab, Material Lab, Pneumatic Lab, Physics Lab, Drawing and Design Lab, Machining Lab, CNC Lab, Fabrication Lab, and prayer room.

Supporting learning activities have been completed with LCD projector, wifi, e-learning. Library books and e-books available. Supporting equipment in lab and workshop is a complete and adequate. Development competence is supported by the existence of a workshop machining, fabrication workshop, Design Lab, CAD-CAM Lab, Computer Lab, CNC Lab, Material Testing Lab, and Metrology Lab.

Special job fairs in the Faculty of Engineering facilitate graduates or prospective graduates who are looking for job. Media publications majoring in science, namely the Journal Vocational Dynamics in Mechanical Engineering and Education Journal Vocational Mechanical Engineering that facilitates publications for college student. Student organizations consist of Student Executive Organisation and Student Association Study Program. The student activity unit can be followed by students covering the fields of reasoning, art, sports, welfare, and special fields.



## Teaching Lecturer

Teachers in the Manufacturing Engineering Study Program are qualified lecturers who have professors' qualifications, doctorate, and master in manufacturing.

