Department of Mechanical Engineering, Faculty of Engineering, consists of:

1. Bachelor of Mechanical Engineering Education study programme (S1 PTM)
2. Bachelor of Mechanical Engineering study programme (S1 TM)

Faculty of Vocational Education:

1. Diploma IV of Mechanical Engineering study programme (DIV TM)

Even Semester	S1 PTM	1. Fluid mechanics 2. Engine performs 3. Heat transfer
	S1 TM	1. Fluid mechanics 2 2. Engineering maths 2 3. Heat transfer 2 4. Material sciences 2 5. Thermodynamics 2
Odd Semester	S1 PTM	1. Engineering maths 2. Thermodynamics 3. Material sciences 4. Engine performs
	S1 TM	1. Engineering maths 1 2. Fluid mechanics 1 3. Heat transfer 1 4. Thermodynamics 1 5. Material sciences 1
	DIV TM	1. Hydrolics

Note:

1. Fluid mechanics, Heat transfer, Thermodynamics, Engineering maths, and Material sciences at S1 PTM are the same as Fluid mechanics 1, Heat transfer 1, Thermodynamics 1, Engineering maths 1, and Material sciences 1 at S1 TM.
2. Fluid mechanics 1 discusses fluid introduction to differential analysis of fluid flow. Fluid mechanics 2 discusses incompressible inviscid flow to incompressible external viscous flow.
3. Heat transfer 1 deals with conduction heat transfer. Heat transfer 2 addresses convection heat transfer.

4. Thermodynamics 1 discusses the energy equation. Thermodynamics 2 discusses the entropy equation.
5. Engineering maths 1 deals with ordinary differential equations. Engineering maths 2 deals with partial differential equations.
6. Material sciences 1 addresses ferrous metals. Material sciences 2 addresses non-ferrous metals.
7. The engine performs the same as the internal combustion engine.
8. Hydraulics is only taught in the diploma course, and it discusses hydraulic and pneumatic systems.