

# UMP LAB PROFILE

FTEK

ET-L-23

Thermodynamic



Version

22th September 2016



# LIST OF EQUIPMENTS

## Nature of Equipments

- This lab consist of energy and thermodynamic equipments.
- Experiments are related to the heat exchanger, heat radiant, heat convection and heat conduction.
- Equipments are from GUNT, TQ, SOLTEQ System.

No	Item	Quantity	Status	usage
1	Alternative Fuel Engine	1	Under maintenance	PnP
2	Solar Thermal Trainer	1	Under maintenance	PnP
3	Heat Exchanger Training System	1	Under maintenance	PnP
4	Radiant Experiment Demonstrator	1	OK	PnP
5	Heat Pump Equipment	1	OK	PnP
6	Heat Conduction Apparatus	1	OK	PnP
7	Free And Forced Convection Heat Exchanger	1	Under maintenance	PnP

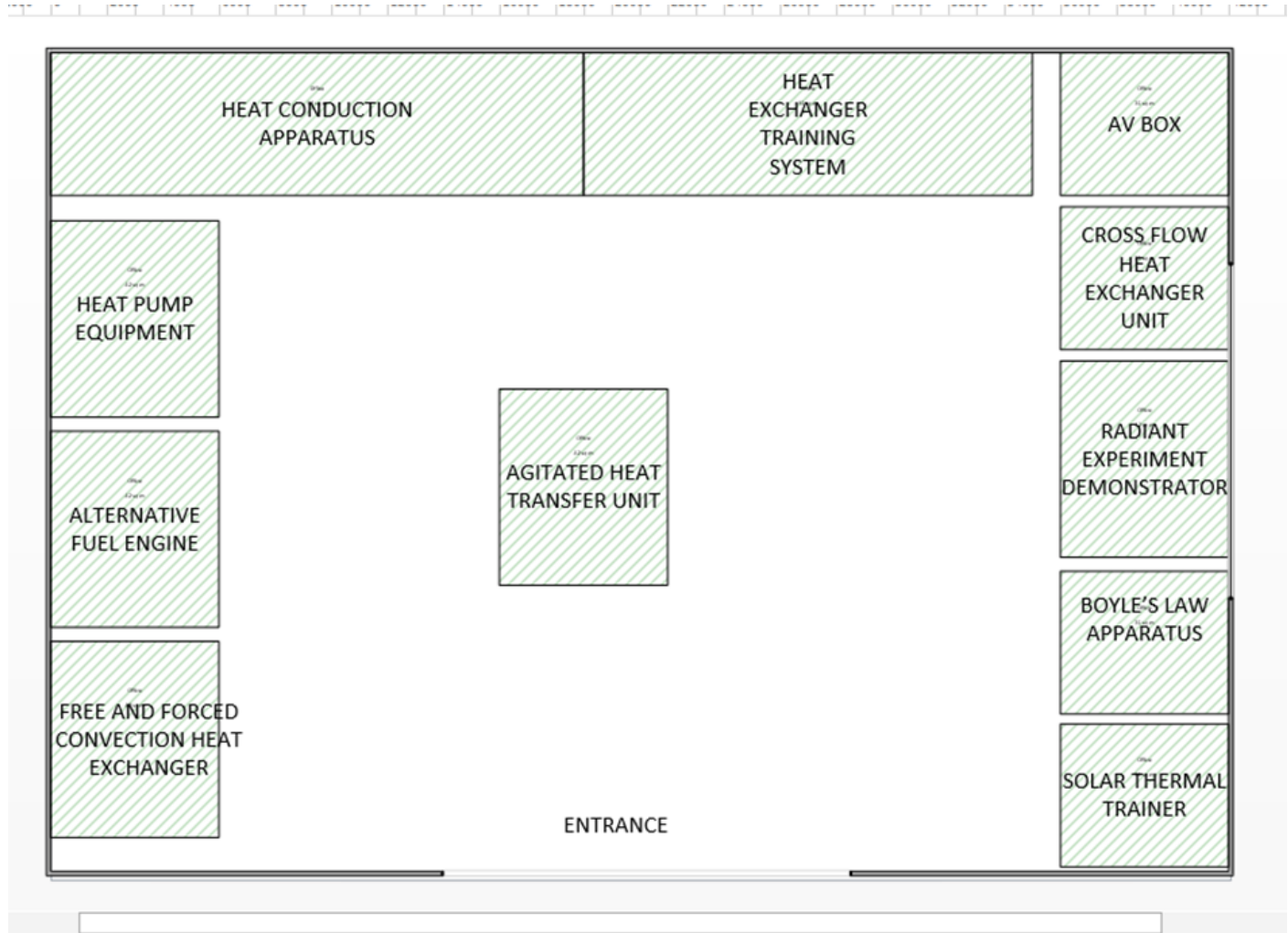
# LIST OF EQUIPMENTS

## Nature of Equipments

- This lab consist of energy and ventilation equipments.
- Experiments are related to the heating, ventilation, air conditioning and refrigeration system.
- All equipment are from EJET System.

No	Item	Quantity	Status	usage
8	Boyle's Law Apparatus	1	OK	PnP
9	Agitated Heat Transfer Unit	1	Under commissioning	PnP
10	Cross Flow Heat Exchanger Unit	1	Under commissioning	PnP

# LAB LAYOUT



# LAB PICTURES



# LAB PICTURES



# LAB PICTURES





# OTHER INFORMATION

- Subjek terlibat BTV 2213, BTV 3224, BTV3324.