

Engineering Workshop

LABORATORY INFORMATION

Lab Name: Engineering Workshop

Room No.: Industrial services centre (ISC)

Capacity: 50 students

The workshop comprises a representative sample of most of the basic machine tools, metal cutting, welding and casting equipment. Its functions include the following:

- Teaching experimental manufacturing courses.
- Supporting students' senior project work.
- Fabricating specialized apparatus and equipment.
- Training purposes and imparting of skills.
- Extending services to other departments within the college.
- Serve maintaining the various technical units within the Academy.

WORKSHOPEQUIPMENT

- Turning machines (engine lathes)
- Milling machines.
- Drilling machines.
- Grinding machines.
- Tool grinder.
- Shaper.
- Sawing machines.
- Broaching machine.
- Honing machine.
- Welding equipment. (Arc, Gas. Mig)
- Hand tools and measuring equipment.
- Educational casting kits.
- Lathe dynamometers and twist drill dynamometer

LABORATORY SERVES THE FOLLOWING COURSES:

Course Code	Course Title	Semester
IM 112	Manufacturing Technology	2 nd
IM 212	Manufacturing Processes	4 th



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