

0402211 Advanced Engineering Workshops

(1 Credit hour, Prerequisite 0402110 Engineering Workshop)

The course aims to improve the skill of the student in using machines and tools. This will include Practical training with tools and machines (e.g. lathe, drilling, milling, shaper, sawing and planers) used in the manufacturing processes. Various manufacturing processes such as foundry metal cutting, forging, and metal forming, gearing, threading and welding. Measurements and the basic concepts of standardization and power and control of machines.