Manufacturing (MAN)

Courses

MAN 1010. Manufacturing Processes I. 3 Hours.
For students pursuing an Operations Management degree. Provides a general understanding of, and experiences with, commonly used manufacturing techniques, including thermal mass-reducing, chemical reducing and deformation processes, as well as the use of lean manufacturing processes and introduction to the Six Sigma standard in evaluating quality. Combined lecture with lab / and practicum. Prerequisite: Admission to Dixie State University Operations Management program. Offered in rotation in Operations Management program.

MAN 1020. Industrial Maintenance I. 3 Hours.
For students pursuing an Operations Management degree. Provides a general understanding of, and experiences with, commonly used industrial maintenance techniques, including basic maintenance principles, service and repair principles, electrical systems, electronics and programming controllers, as well as the use of total productive maintenance (TPM) and continued development of Six Sigma. Combined lecture with lab / and practicum. Prerequisite: Admission to Dixie State University Operations Management program. Offered in rotation in Operations Management program.

MAN 2010. Manufacturing Processes II. 3 Hours.
For students pursuing an Operations Management degree. Provides a general understanding of, and experiences with, commonly used manufacturing techniques, including mechanical, thermal and chemical joining processes; annealing (softening); hardening; surface preparation; and surface coating processes, as well as the use of lean manufacturing processes and Six Sigma standards. Combined lecture with lab / and practicum. Prerequisite: Admission to Dixie State University Operations Management program; AND MAN 1010. Offered in rotation in Operations Management program.

MAN 2020. Industrial Maintenance II. 3 Hours.
For students pursuing an Operations Management degree. Provides a general understanding of, and experiences with, commonly used industrial maintenance techniques, including refrigeration and boiler systems; heating, air conditioning and ventilation systems; mechanical systems; fluid power systems; and troubleshooting, as well as the use of total productive maintenance (TPM) and continued development of the Six Sigma. Combined lecture with lab / and practicum. Prerequisite: Admission to Dixie State University Operations Management program; AND MAN 1020. Offered in rotation in Operations Management program.