

Intermediate Technical Certificate: Advanced Automation and Manufacturing

(1 Year)

Code	Title	Credits
ADMT 0101	Introduction to Machining	3
ADMT 0102	Electronics Orientation	3
ADMT 0103	Introduction to Advanced Manufacturing Welding Processes I	3
ADMT/ESET 0162	Industrial Health and Safety	2
ADMT/INST 0220	Introduction to Programmable Logic Controllers	3
ADMT/MACH 0221	CAD and CAM I Theory	3
ADMT/ESET 0242	Practical Process Measurements and Control	2
ADMT/ESET 0243	Fluid and Pneumatic Power	2
ADMT/ESET 0243L	Fluid and Pneumatic Power Lab	2
ADMT 0244	Advanced Manufacturing Welding Processes II	3
ADMT 0245	Lean and Six Sigma	3
ADMT/ESET 0246	Materials and Metallurgy	2
Total Credits		31