



Outsource Services Pty Ltd

Your training and development specialists!

Leadership Training • Sales and Marketing Training • IT Training • Retail Training • Training and Assessment • Frontline Management • Business Management • Project Management • Environmental Management

SkillsTech Partners Australia

Training Plan

MEM50205 Diploma of Engineering - Technical

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Training Plan

MEM50205 Diploma of Engineering - Technical

Total No 21

MANDATORY UNITS

Communication

MEM16006A	Organise and communicate information	1
MEM16008A	Interact with computing technology	1

Engineering technician

MEM30007A	Select common engineering materials	1
MEM30012A	Apply mathematical techniques in a manufacturing engineering or related environment	1

Sub Total No 4

Stream Units

Engineering technician

MEM30001A	Use computer aided drafting systems to produce basic engineering drawings	1
MEM30002A	Produce basic engineering graphics	1
MEM30003A	Produce detailed engineering drawings	1
MEM30004A	Use CAD to create and display 3D models	1
MEM30005A	Calculate force systems within simple beam structures	1
MEM30006A	Calculate stresses in simple structures	1
MEM30008A	Apply basic economic and ergonomic concepts to evaluate engineering applications	1
MEM30009A	Contribute to the design of basic mechanical systems	1
MEM120024A	Perform Computations	1

Sub Total No 9

SPECIALISATION UNITS

Drawing, drafting & design

MEM09005B	Perform basic engineering detail drafting	1
MEM09141A	Represent mechanical engineering designs	1
MEM120025B	Use graphical techniques and perform simple statistical computations	1

Management & organisation

MEM22002A	Manage self in the engineering environment	1
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Engineering science

MEM23001A	Apply advanced mathematical techniques in a manufacturing engineering or related environment	1
MEM23003A	Operate and program computers and/or controllers in engineering situations	1
MEM23051A	Apply basic electro and control scientific principles and techniques in mechanical and manufacturing engineering situations	1
MEM23061A	Select and test mechanical engineering materials	1

Sub Total No 8
