



**BUNDABERG STATE HIGH SCHOOL**  
**VOCATIONAL EDUCATION AND TRAINING (VET) PROGRAMS**

<b>RTO Name: Bundaberg State High School</b>	<b>RTO NO: 30038</b>
<b>VET Course Name: Certificate I in Manufacturing (Pathways) BTEC</b>	<b>VET Course Code: MSM10216</b>

BSHS Subject Name	Years	Subject Code	OP	QCE Credits	VET	Pre-requisite
Certificate I in Manufacturing (Pathways)	11/12	VMP	NO	3	YES	YES

**Head of Department:** Mr Keith Holledge

**Course Outline:**

Certificate I in Manufacturing Pathways BTEC is designed to provide students with an opportunity to gain knowledge that covers a broad range of Furnishing and Engineering Manufacturing Skills. Manufacturing Pathways provides access for students to complete Certificate I in Manufacturing (MSM10216) from the Manufacturing Training Package (MSM 2.1) and is a nationally recognised qualification.

This course is designed to deliver broad-based underpinning skills and knowledge using a range of engineering and manufacturing tasks to enhance entry-level employment prospects for apprenticeships, traineeships or general employment in an engineering related workplace. Students in the BTEC program are encouraged to participate in structured work placement and seek possible school-based apprenticeships or traineeships. The BTEC program is conducted on our offsite campus, Bundaberg Campus D Block TAFE Bundaberg. The BTEC is a modified program in which students attend three days at school, one day structured work placement and a full day completing Certificate I Manufacturing.

**Course Content:**

Students will study the following Units of Competency:		
Certificate I in Manufacturing Pathways (MSA10216)		STATUS
MSMPCI101	Adapt to work in industry.	Core
MSMPCI102	Apply effective work practices	Core
MSMPCI103	Demonstrate care and apply safe practices at work	Core
MSMPCII298	Make an object from metal	Elective
MSMPCII296	Make a small furniture item from timber	Elective
MEM18001C	Use hand tools	Elective
MEM18002B	Use power tools/hand held operations	Elective
MSFFM2001	Use furniture making sector hand and power tools	Elective
PMBPROD236	Operate hand held air/power equipment for production processes	Elective
PMBPROD240	Cut materials	Elective

Students may gain recognition for skills that they have acquired from paid part-time work to complete some Units of Competency.



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### Assessment Outline:

This is a competency based course. Students will have a number of opportunities to demonstrate that they can competently complete the set activities over the course of study. Students will be assessed using a variety of techniques such as:

- Formal learning and assessment
- Off the job workshop simulation
- One on one face to face delivery and assessment
- Other forms of assessment can include folios of work, in-class tests, scenario based activities, internet activities, simulated workplace activities and teacher observation.

### Career Pathways:

Automotive Mechanical, Boilermaker, Fitter and Turner, Metal Manufacture, Tool and Die Setter, Shipwright, Metal Trade Assistant, Builder, Carpenter, Bricklayer, Solid Plasterer, Ceramic tiler, Painter, Form worker, Concreter, Roof tiler, Steel Fixer, Construction worker and furnishing industries. Further information can be obtained from: <http://www.myfuture.com/>

### Potential Activities:

Students are provided with an opportunity to do Structured Workplace Learning where they are provided with the opportunity to work in the 'real world'. Students will be working on projects involving metal and wood.

### Costs:

There are additional costs involved in this course for materials used. Students, through their resource hire fee, have access to the photocopied class materials, internet, email facilities, required texts, software and hardware.

### Student Requirements:

Prerequisites for this course is students should have displayed a sound level in English and Mathematics. Knowledge of hand skills obtained from completing one of the Junior Manual Arts courses would be an advantage. Students must be prepared to participate fully and enthusiastically in class projects and outdoor projects around the school. A home computer with internet is recommended for completing online OnGuard assessment tasks.

### Student Information:

Bundaberg State High School does not guarantee students will complete their qualification or Units of Competencies, however at Bundaberg State High School VET tracking/case-management of students is in place as a checking system to see that student are progressing towards completions. We encourage parent and student communication in this process. We do not guarantee an employment outcome upon completion. Qualifications must be completed in a manner that meet the VET Standards for RTO's 2015.

All information is correct at time of publication but subject to change.

