

<b>Programme Name</b>	<b>Certificate IV in Fitting and Machining</b>
<b>Programme Description</b>	<p><u>At the end of this programme. graduates will be able to:</u></p> <ul style="list-style-type: none"> <li>• Provides opportunities for students to develop relevant technical, vocational and interpersonal competencies suitable for employment and further training along with ethics and governance for workshop use.</li> <li>• Develop skills, knowledge and experiences - such as teamwork, communication and occupational health and safety- that are transferable to other industries.</li> <li>• Increase and enhance their range of skills and knowledge in the manufacturing and service industries.</li> <li>• Adapt quicker to new technological advances in the field coupled with training thus acquiring knowledge quickly and to develop and apply new skills effectively.</li> <li>• Have several career changes during their lifetime which may be funded by industry, but is very often the responsibility of the individual.</li> <li>• Provides students with the best possible base for lifelong learning and for pursuing relevant career choices.</li> <li>• Become a trainee Tradesmen who understudies and works together with a Tradesman in the workplace.</li> </ul>
<b>Majors</b>	Fitting and Machining
<b>Minimum Requirements</b>	<p>(a) Successful Completion of Year 12 with pass in English.</p> <p>(b) Matured applicants with less than the above requirements but at least some industrial experience can be considered OR holders of Cert. III in Fitting and Machining</p>
<b>Duration</b>	Four (4) Quarters
<b>Programme Type</b>	Face to Face
<b>College Name</b>	CEST
<b>Campus</b>	Derrick
<b>Credit Points</b>	120

<b>Programme Structure</b>		
<b>Course Code</b>	<b>Course Title</b>	<b>Credit Points</b>
	<b>Year 1 Quarter 1</b>	
CFM311	Fitting and Machining Process A	5
MEA303	Trade Drawing A	5
CFM412	Fitting and Machining Process A1	5
CFM422	Fitting and Machining Process A2	5
MEA306	Applied Materials	5
OHS301	Occupational Health and Safety	5
	<b>Year 1 Quarter 2</b>	

CFM313	Fitting and Machining Process B.	5
COM303	Introduction to Communication Literacy.	5
MEA404	Workshop Calculation.	5
CFM414	Fitting and Machining Practice B1	5
CFM434	Fitting and Machining Practice B2.	5
ETH301	Ethics, values and Governance	5
	<b>Year 1Quarter 3</b>	
CFM415	Fitting and Machining Process C & D.	5
CFM416	Fitting and Machining Practice C & D.	5
CFM403	Trade Drawing B.	5
CFM407	Heat Engines.	5
CFM405	Advance Measurement	5
CFM408	Maintenance & Diagnostics.	5
	<b>Year 1Quarter 4</b>	
CFM417	Fitting and Machining Process D & E.	5
CFM418	Fitting and Machining Practice D & E.	5
CFM406	Engineering Material Process.	5
CFM419	Introduction to CNC Operations.	5
MEA418	Introduction to Computer Aided Drawing	5
MEA419	Introduction to Solid Modeling.	5
<b>Total Credit Points</b>		<b>120</b>