

Programme Name	Certificate III in Agricultural Engineering
Programme Description	The Programme mainly aims to develop and enhance students' knowledge and skills in agricultural engineering that will equip them the necessary technical skills and know-how on developing engineering technologies for sound and sustainable agri-industrial development in the country by improving food security, increasing the productivity and livelihood opportunities of the farming communities and the countryside, and supporting related industries and sectors through the availability of appropriately educated and trained human resource for a balanced and sustained economic growth and development.
Majors	Agricultural Engineering
Minimum Requirements	Successful Completion of Year 11 (Form 5) or Certificate II from Technical College of Fiji or equivalent/ appropriate experience for mature applicants.
Duration	1 year & 6 months
Programme Type	Certificate III
College Name	College of Engineering, Science and Technology
Campus	Derrick & Ba
Credit Points	Total of 90

Programme		
Course Code	Course Title	Credit Points
	Quarter 1 Stage 1	
COM303	Introduction to Communication Literacy	5
MEA306	Applied Materials	5
PME311	Basic Machining	5
PME312	Basic Craft and Metal work	5
PME313	Workshop Calculation A	5
MEA303	Trade Drawing A	5
		30
	Quarter 2 Stage 2	
ETH301	Fundamentals of Ethical Practices.	5
AGE336	Introduction to Integrated Farming Practice	5
MEA302	Welding Process and Practice	5
PME314	Workshop Calculation B	5
PME316	Workshop Science A	5
OHS301	Occupational Health and Safety	5
		30
	Quarter 3 Stage 3	
AGE332	Introduction to Post-Harvest System	5
AGE333	Introduction to Farm Power System	5
AGE334	Introduction Farm Mechanization System	5
AGE335	Farm Environment System Practice	5
PME317	Workshop Science B	5
PME303	Basics of Computer Aided Design (CAD)	5
		30
	Total Credit Points	90

Course Prerequisite		
Course Code	Course	Prerequisite
COM303	Introduction to Communication Literacy	Current MER
MEA306	Applied Materials	Current MER
PME311	Basic Machining	Current MER
PME312	Basic Craft and Metal work	Current MER
PME313	Workshop Calculation A	Current MER
MEA303	Trade Drawing A	Current MER
ETH301	Fundamentals of Ethical Practices.	Passed COM303
AGE336	Introduction to integrated Farming Practice	Current MER
MEA302	Welding Process and Practice	Passed PME312 & MEA302
PME314	Workshop Calculation B	Passed PME313
PME316	Workshop Science A	Passed PME313
OHS301	Occupational Health and Safety	Current MER
AGE332	Introduction to Post-Harvest System	Passed AGE336
AGE333	Introduction to Farm Power System	Passed PME316
AGE334	Introduction Farm Mechanization System	Passed AGE336
AGE335	Farm Environment System Practice	Passed AGE336
PME317	Workshop Science B	Passed PME316
PME303	Basics of Computer Aided Design (CAD)	Passed MEA303