



**PROGRAMME: CERTIFICATE IV IN AIRCRAFT MAINTENANCE ENGINEERING – AVIONICS**

**Duration**

The duration of the programme is 3 Academic Years.

**Components of the Programme**

The components of the programme are:

1. 6 units that are delivered at 1 unit per Trimester; and
2. Practical Attachment covering 3 Trimesters.

**Practical Attachment/On the Job Training/Industrial Attachment**

Each of the students is seconded for ‘Practical Attachment/On the Job Training/Industrial Attachment’ to an approved Aircraft Maintenance Organization of the Student’s Country of Residence.

A local student, for example, is seconded to a CAAF-Approved Aircraft Maintenance Organization.

**Schedule of the Programme**

Year 1	Trimester 1	Unit 1
	Trimester 2	Unit 2
	Trimester 3	Practical Attachment
Year 2	Trimester 1	Unit 3
	Trimester 2	Unit 4
	Trimester 3	Unit 5
Year 3	Trimester 1	Practical Attachment
	Trimester 2	Practical Attachment
	Trimester 3	Unit 6

Graduation is after the satisfactory completion of the components of the programme.

**Pre-requisite**

A pass in the Fiji School Leaving Certificate [FSLC] in English, Maths, Physics and one other Science or Technology subject.

**Fees per Unit**

Local students: \$4468.00 per Unit  
Regional students: \$6169.00 per Unit

**Intake:** Every alternate year, next intake in 2017.



### **Application to Attend the Programme**

On-line Application: Refer to the FNU Website: [www.fnu.ac.fj](http://www.fnu.ac.fj)

Or

Prospective Students are to:

1. Send the completed application form [FIJI NATIONAL UNIVERSITY A1 “*Application for Admission*”] to:  
  
*The Registrar  
Student Academic Services  
P O Box 7222  
Nasinu  
Fiji.*
2. Await being informed to Enroll’.”
3. Report to any of the FNU Centres.
4. Complete the Enrolment form [Fiji National University E1` ‘Enrolment form’].
5. Await the final Instructions of the Fiji National University.



### Unit Contents

Unit 1			Unit 2		
Module Code	Module Name	CP	Module Code	Module Name	CP
COM401	Technical Communication	2	AMA321	Aircraft Servicing and Handling	2
OHS403	Occupation Health and Safety	7	AMA322	Maintenance Practices - Avionics 1	2
AMA311	Introduction to Aviation and OHS	2	AMA323	Maintenance Practices - Avionics 2	2
AMA312	Aircraft Maintenance Practices (General)	2	AMA324	Electrical Fundamentals DC Theory 2	2
AMA313	Aircraft Materials and Processes	2	AMA325	Electrical Fundamentals DC Theory 3	2
AMA314	Electrical Fundamentals DC Theory 1	2	AMA326	AC Theory and Power Systems 1	2
<b>Total CP</b>		<b>21</b>	<b>Total CP</b>		<b>12</b>
Unit 3			Unit 4		
AMA331	AC Theory and Power Systems 2	2	AMA441	Analogue Fundamentals 2	2
AMA332	AC Theory and Power Systems 3	2	AMA442	Aircraft Electrical Systems 2	2
AMA333	Aircraft Electrical Systems 1	2	AMA443	Aircraft Electrical Systems 3	2
AMA334	Aircraft Instrument Systems 1	2	AMA444	Aircraft Instrument Systems 3	2
AMA335	Aircraft Instrument Systems 2	2	AMA445	Analogue Fundamentals 3	2
AMA336	Analogue Fundamentals 1	2	AMA446	Digital Techniques 1	2
<b>Total CP</b>		<b>12</b>	<b>Total CP</b>		<b>12</b>
Unit 5			Unit 6		
AMA451	Digital Techniques 2	2	AMA461	Pulse Systems	2
AMA452	Radio Principles 1	2	AMA462	Radio Navigation Systems	2
AMA453	Radio Principles 2	2	AMA463	Flight Controls and Flight Director Systems	2
AMA454	Radio Principles 3	2	AMA464	Automatic Flight Control Systems	2
AMA455	Aircraft Environmental Systems	2	AMA465	Inertial Nav and Inertial Reference Systems	2
AMA456	Digital Techniques 3	2	AMA466	Aircraft Oxygen Systems	2
<b>Total CP</b>		<b>12</b>	<b>Total CP</b>		<b>12</b>