AP Full Official	*AAS Telecommunication*		
Campus	*PNI*	AP Review Submission Date	*October 2016*
Completed by	*Nelchor T. Permitez*	AR Review Cycle	*F2014-S2016*

Program Goals

Program goals are broad statements concerning knowledge, skills, or values that the faculty members expect the graduating students to achieve.

- Practice a career in Telecommunication Industry.
- Troubleshoot microwave, fiber optics and telephone systems.

Program History

This section describes the history of the program. This includes the date and reason of implementation, significant milestones in the development of the program, and significant current activities.

Milestones:

1999 - The first course was offered with five students.

2000 - One full time instructor was recruited to assist in designing curriculum and offer courses.

2001- Additional instructor was recruited and enrollment increased to 12 students

2003 - Substantive change report to WASC was approved to extend COA in Electronics to include Advanced Certificate and Associate of Applied Science degree in Telecommunication Technology

- Commenced the use of computer assisted instruction (NIDA) to improve course delivery
- Recruited 12 Technicians from FSMTC to enroll in the AAS Telecommunication Technology (TC) program

2004 – First AAS degree graduates

- Fall 2004 – 5 students in Telecommunications Technology2005 –
- Modified Fiber Optic course to be in compliance with the Electronic Technicians Association (ETA) standards

2007 - Introduce the VTE 281 (Cellular Phone Servicing) as elective course.

2014 – Introduce Servicing Program which serve as support on hands-on experience of the students' in the field of troubleshooting and repair service.

2015 - The advance certificate in telecommunication program was deleted due to zero graduation rate for several years. Students tend to go straight to AAS TC instead of exiting on advance program.

2016 - Reestablish the advisory council which participated by FSMTC and Radio Communication company.

-Receive 4 digital oscilloscope from Japanese embassy.

- Identify the competency standard of Electronics Technician Association (ETA) a third party certification body for Certified Electronics Technician (CET) in parallel to AAS Telecommunication Students' Course Learning Outcome (SCLO) and was found it was in compliance with the set standard.

Currently working on course modifications to improve quality and course delivery based on recommendations from program/course assessment. Course modifications include the introduction of wireless systems, radio communication equipment servicing, and merging VTE 270 (telecommunication system) and VTE 280 (Telephone system) as one course. VTE 281 (Cellular Phone Servicing) as a regular course of the program.

Program Description

The program description describes the program, including its organization, relationship to other programs in the system, program design, degree(s) offered, and other significant features of the program, such as elements/resources for forward-looking new program contributions to the state's economy, or specialized program accreditation.

Maintenance, troubleshooting, repairing and modifying Telecommunication equipment and systems is the base for a career as a technician in this high-tech field. Telecommunications is one of the fastest growing industries in the world. The computer and information technologies are driving the need for more telecommunications services. The academic course work, technical skills training and practical experience

available in this program prepare the student for positions within the industry. Training on and with the state of the art computer aided instruction system at COM-FSM will provide the technical edge needed in today's telecommunications industry. Embedded within the program are two separate exit points, Certificate of Achievement in Electronics Engineering Technology and the Associate of Applied Science in Telecommunication Technology.

Program Admission Requirements

This section describes the requirements for admission into the program and other requisites.

The program is structured to begin their course offerings at the certificate level (Certificate of Achievement in Electronic Engineering Technology). Therefore, the admission requirements for the program follow the same the admission requirements for all certificates of achievement programs as offered by the College in which students must complete high school education or equivalence to enter in the program.

Students must be admitted into degree programs based on the results of the College of Micronesia-FSM Entrance Exam (COMET) to further their studies into the Advanced Certificate and Associate of Applied Science degree. Students who are admitted into the programs as certificate bound status must change their status to degree bound by retaking and passing the COMET into the degree programs.

Program Certificate/Degree Requirements

This section specifies the requirements for obtaining a certificate/degree in the program, including specific courses,, sequencing of courses, total credits, internships, practical, etc.

Associate of Applied Science in Telecommunication (AAS TC)

General Education Core Requirements……..15 credits

Mathematics (8 credits)
MS 104 Technical Math I (4)
MS 106 Technical Math II (4)

Computer Applications (3 credits)
CA 100 Computer Literacy (3)

Natural Science (4 credits)
Any Science with lab: [preferably SC130 Physical Science]

Technical Requirements……..…….22 credits

VEE 103 Electronic Fundamentals I (3)
VSP 121 Industrial Safety (1.5)
VEE 100 Soldering and Mechanical Termination Techniques (1.5)
VEM 110 Workshop Fabrications (3)
VEE 104 Electronic Fundamentals II (4)
VEE 110 Discrete Devices I (3)
VEE 125 Electronic Circuits (3)
VEE 135 Digital Electronics I (3)

Total Requirements…….. . 37 credits

General Education Requirements …….. 3 credits

English (3 credits)
EN 123 Technical Communications (3)

Technical Requirements …….……..…… 11 credits

VEE 230 Radio Communications (3)
VEE 235 Digital Electronics II (3)
VEE 240 Signal Processing (3)

Technical Elective (2)

(Student may choose any technical course subject to approval by division)

VEE 250 Co-operative Education (2)
VTE 281 Cellular Phone Repairs (3)

General Education Requirements …….. 4 credits

Humanities (3)
Any course in art, music, history, language, philosophy (3)

Physical Education (1)
Any Physical Education course

Major Technical Requirements ……..…… 12 credits

VTE 260 Microwaves (3)
VTE 261 Fiber Optics Installations (3)
VTE 270 Telecommunication Systems (3)
VTE 280 Telephone Systems (3)

Sub Total Requirements …….. **16 credits**

Advanced Certificate ……...…… **51 credits**

Graduation Requirements ……..…….…….. 67 credits

ASSOCIATE OF APPLIED SCIENCE in TELECOMMUNICATION TECHNOLOGY
Suggested Schedule

COM-FSM Requirements

First Semester		Second Semester	
MS 104 Technical Math I	4	MS 106 Technical Math II	4
CA 100 Computer Application	3	VEE 104 Electronic Fundamentals II	4
VSP 121 Industrial Safety Electrical/Electronic	1.5	VEE 110 Discrete Devices I	3
VEE 100 Soldering and Mechanical Termination Techniques	1.5	VEM 110 Workshop Fabrications	3
Any Science Course w/Lab	4	VEE 125 Electronic Circuits	3
VEE 103 Electronic Fundamentals I	3		17
	17		

Summer Session

VEE 135 Digital Electronics I	3
	3

Certificate of Achievement in Electronic Engineering Technology Total Requirement: 37 Credits

Third Semester	
EN 123 Technical Communications	3
VEE 235 Digital Electronics II	3
VEE 230 Radio Communications	3
VEE 240 Signal Processing	3
Technical Elective	2/3
	14/15

Fourth Semester	
Humanities	3
VTE 260 Microwave	3
VTE 265 Fiber Optics	3
VTE 270 Telecommunication Systems	3
VTE 280 Telephone Systems	3
Exercise Sport Science course	1
	16

Associate of Applied Science in Telecommunication Technology Graduation Requirements: 67-68 Credits

Source: COM-FSM catalog

Program Courses and Enrollment

This section lists courses offered in the program, including number of sections, course enrollment, section fill rates, and redundancy of courses across the institution.

Course	*Sections*	*Fall 14*	*Spring 15*	*Fall 15*	*Spring 16*	*Fill rates*	*Redundancy*
VEE230	*2*		*7*	*10*		*56.7%*	*None*
VEE250	*2*		*20*	*10*		*100%*	*None*
VTE260	*2*	*16*			*16*	*106.67%*	*None*
VTE261	*3*	*16*	*6*		*12*	*75.56%*	*None*
VTE270	*2*	*12*			*16*	*93.33%*	*None*
VTE280	*2*	*14*			*16*	*100%*	*None*
VTE281	*2*		*12*		*9*	*70%*	*None*

The table shows the courses for AAS TC program. The number of each student per course every semester and they only form 1 section for each course at Pohnpei campus. *Source COM-FSM website IRPO data.*

Program Faculty

This section reports the faculty of the program, including full-time and part-time faculty. The degrees held and rank are provided for the full-time and part-time faculty. Finally, provide the faculty student ratio for the program.

Full time faculty

1. Nelchor Permitez – Professor
   BSIE major in Electronics
   MIST, Philippines
   Master of Education (M.Ed.) major in Educational management
   MIST, Philippines
   Doctor of Education (Ed.D.) major in Educational management,
   EARIST, Philippines

2. Gardner Edgar – Division Chairman, Assistant professor
   BS in Technology, Texas University

3. Danilo Ibarrola - Instructor
   BSIE major in Electronics
   MIST, Philippines
   Master of Technical Education (MTed.) major in Electronics
   MIST, Philippines

Faculty to student ratio: 1:15

Program Indicators

This section provides the data for analyzing the extent to which the program has achieved the established outcomes and criteria. This is the most important part of the program review. The data that will be collected and evaluated are the following:

Student Course Learning Assessment (SCLO) Summary.

The table shows the summary of Telecommunication SCLO from Fall14, Spring 15, Fall 15 and Spring 16 which includes the number of students took and pass the CLO of each courses. The target column shows that all CLO's of the courses for AAS Telecommunication were met.

Target: Students should be able to score 70% or higher on the CLO assessment.
N: Number of students.

Course / CLO	Fall 14 Pass	Target Met (Y/N)	Spring 15 Pass	Target Met (Y/N)	Fall 15 Pass	Target Met (Y/N)	Spring 16 Pass	Target Met (Y/N)
VEE 230 (Radio Communication	N=0		N=7		N=10		N=0	
CLO1			(7)100 %	Y	(10)100%	Y		
CLO2			(6)86%	Y	(10)100%	Y		
CLO3			(6)86%	Y	(10)100%	Y		
CLO4			(6)86%	Y	(10)100%	Y		
CLO5			(7)100 %	Y	(10)100%	Y		
CLO6			(7)100 %	Y	(10)100%	Y		
VTE 260 (Microwave)	N=17		N=0		N=0		N=16	
CLO1	(14)88%	Y					(16)100 %	Y
CLO2	(14)88%	Y					(16)100 %	Y
CLO3	(16)94%	Y					(16)100 %	Y
CLO4	(16)94%	Y					(16)100 %	Y
CLO5	(14)88%	Y					(16)100 %	Y
CLO6	(14)88%	Y					(16)100 %	Y
VTE 261 (Fiber Optics Installation)	N=12		N=6		N=0		N=12	
CLO1	(12)100 %	Y	(6)100 %	Y			(12)100 %	Y
CLO2	(12)100 %	Y	(6)100 %	Y			(12)100 %	Y
CLO3	(12)100 %	Y	(6)100 %	Y			(12)100 %	Y
CLO4	(12)100 %	Y	(6)100 %	Y			(12)100 %	Y
CLO5	(12)100 %	Y	(6)100 %	Y			(12)100 %	Y
CLO6	(12)100 %	Y	(6)100 %	Y			(12)100 %	Y
VTE 270 (Telecommunication Systems)	N=12		N=0		N=0		N=16	
CLO1	(12)100 %	Y					(16)100 %	Y
CLO2	(12)100	Y					(16)100	Y

	%						%	
CLO3	(12)100 %	Y					(16)100 %	Y
CLO4	(11)92%	Y					(16)100 %	Y
CLO5	(11)92%	Y					(16)100 %	Y
VTE 280 (Telephone Systems)	N=14		N=0		N=0		N=16	
CLO1	(13)93%	Y					(16)100 %	Y
CLO2	(14)100 %	Y					(16)100 %	Y
CLO3	(14)100 %	Y					(16)100 %	Y
CLO4	(13)93%	Y					(16)100 %	Y
CLO5	(13)93%	Y					(16)100 %	Y
VTE 281 (Cellular Phone Servicing)	N=0		N=12		N=0		N=9	
CLO1			(12)100 %	Y			(9) 100%	Y
CLO2			(12)100 %	Y			(9) 100%	Y
CLO3			(12)100 %	Y			(9) 100%	Y
CLO4			(12)100 %	Y			(9) 100%	Y
CLO5			(12)100 %	Y			(9) 100%	Y
CLO6			(12)100 %	Y			(9) 100%	Y
VEE 250 (Cooperative Education)			N=20		N=10		N=0	
CLO1			(16)80%	Y	(7)70%	Y		
CLO2			(15)75%	Y	(7)70%	Y		
CLO3			(16)80%	Y	(7)70%	Y		
CLO4			(16)80%	Y	(7)70%	Y		

Base on the summary of result for each courses offered in AAS TC from F2014 – S2016 met the projected 70% target set on each course outcome.

Assessment of Program Student Learning Outcomes (PSLO) Summary**.**

AAS telecommunication measures PSLO five (5) and six (6) outcomes since PSLO one to four have a separate assessment which belong to CA Electronics Engineering Program. The result from Fall 2014, Spring 2015, Fall 2015 and Spring 2016 are shown in the table below.

VEE 230, VEE 250, VTE 260, VTE 261, VTE 270, VTE 280 and VTE 281 assessment result were met according to the set target percentage.

Program Student Learning Outcome	Assessment Strategy	Target	Fall 2014 Result / Target Met (Y/N)	Spring 2015 Result/ Target Met (Y/N)	Fall 2015 Result / Target Met (Y/N)	Spring 2016 Result / Target Met (Y/N)
5. Practice a career in telecommunication industry.	In VEE 250, student will spend 60 hrs. of training at the industry partner workplace. Student is expected to follow the workplace policy and apply their learn skills at the workplace through the supervision of site supervisor using a rubric with the collaboration of the course instructor.	70% passing rate on the assessment.		80% of the students pass the assessment. Target met:(Y)	70% of the students pass the assessment. Target met:(Y)	
	In VTE 281, student should repair various trouble of cellular telephone relating to hardware and software issue. The student will be assess using a using a rubric			100% of the students pass the assessment. Target met:(Y)	Not Offered	100% of the students pass the assessment. Target met:(Y)

6. Troubleshoot microwave, fiber optics, radio communication and telephone system.	Given a microwave system, fiber optic cable and defective telephone and cellular phone set the student will service, troubleshoot and repair the system. The student will be assess using a using a rubric	70% passing rate on the assessment.	100% of the students pass the assessment (VTE260. VTE261, VTE270, VTE280, VTE281). *Target met:(Y)*	100% of the students pass the assessment (VTE230 and VTE261). *Target met:(Y)*	100% of the students pass the assessment (VTE230). *Target met:(Y)*	

Program enrollment (historical enrollment patterns, student credits by major)

	Fa14	Sp15	Fa15	SP16
Number of students	*46*	*33*	*38*	*36*
Number of credits	*501*	*359*	*413*	*392*

The table shows the number of students, average credit enrolled and number of credits for each semester for the AY 2014-2016 fall and spring semester. *Source COM-FSM website IRPO data.*

Average class size

AAS TC Program section, enrollment ratio and average class size system wide.

	Section	Enroll Max	Enrolled	Ave Class Size	Section Ratio
Fall 14	4	60	46	11.5	77%
Spring 15	4	60	33	8.25	55%
Fall 15	2	30	38	19	127%
Spring 16	5	75	36	7.2	48%

The table shows the AAT TC data for AY 2014-2016 fall-spring semester, section, enrollment maximum, enrollment, enrollment ratio and average class size. *Source COM-FSM website IRPO data.*

Course completion rate

Course completion rate AAS TC.

	Withdraw	ABC or P	W%	CC%	Enrolled
Fall 14	1	55	1.8%	98.2%	56
Spring 15	3	45	6.7%	93.8%	48
Fall 15	1	20	5%	90.2%	21
Spring 16	1	69	1.4%	98.5%	70

The table shows the AAS TC AY 2014-2016 fall to fall semester , number of students for each semester, ABC or Pass percentage, ABCD or P % and the withdrawal percentage. *Source COM-FSM website IRPO data.*

Student persistence rate (semester to semester)

The Persistence rate of AAS TC.

Major	Degree	New FT Fall 14	Persisted Sp 15	Retained Fall 15	Persistence Sp 15
TC	AAS	3	2	2	66.7

The table shows the AAS TC persistence rate from Fall 2014 to Spring 2015 is 100%.
Source COM-FSM website IRPO data.

Student retention rate (Fall-to-Fall for two-year programs; Fall-to-Spring for one-year programs)

The Retention rate of AAS TC for two years.

Fall 2014 FTFT cohort Retained Fall 2015

Major	Degree	Cohort	F15 returned	Retention Rate
TC	AAS	3	2	66.7%

Fall 2014 Cohort New Students All returning in Fall 2015

Major	Degree	Fall 2014	Fall 2015	Retention Rate
TC	AAS	3	2	66.7%

The table shows the AAS TC retention rate for fall 2014 to fall 2015 is 66.7% and on fall 2014 to spring 2015 is 66.7%.
Source COM-FSM website IRPO data.

Success rates on licensing or certification exams (CTE, TP, Nursing, etc)

One student become certified technician by the US military assigned to the maintenance of Apache helicopter.

Graduation rate based on yearly number

Graduation rate of AAS TC Pohnpei Campus.

	Fa14	Sp15	Fa15	SP16

Number of students	*12*	*1*	*2*	*5*

The table shows that there were 12 graduate in Fall 2014, 1 student graduate in spring 2015 and 2 students graduate in fall 2015 and 5 Spring 2016 for AY 2012-2013. *Source COM-FSM OAR Pohnpei campus data.*

Students seat cost

The data on the cost per credit hour from IRPO website is for AY2012/13. The data are as follows:

	F12	S13	SU13
Telecommunication	108	0	61

Cost of duplicate or redundant courses, programs or services

None

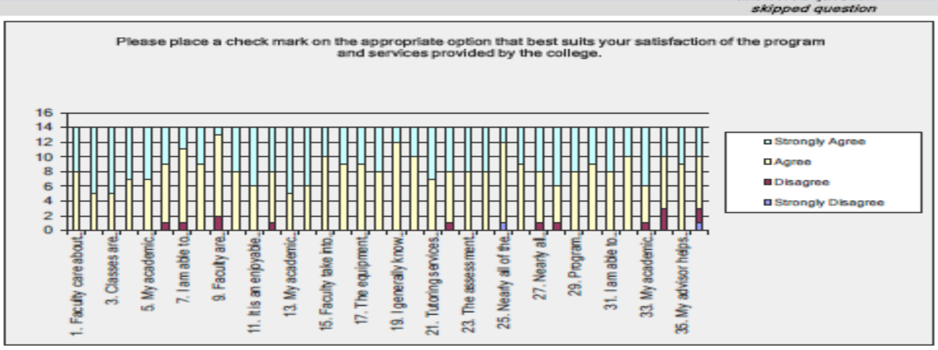
Students' satisfaction rate

The table shown the result of students satisfaction survey for AAS Telecommunication conducted by IRPO on line last Spring 2014.

Student Satisfaction Survey for Major

Please place a check mark on the appropriate option that best suits your satisfaction of the program and services provided by the college.

Answer Options	Strongly Agree	Agree	Disagree	Strongly Disagree	Response Count
1. Faculty care about me as an individual.	6	8	0	0	14
2. My academic advisor is approachable.	9	5	0	0	14
3. Classes are scheduled at times that are convenient	9	5	0	0	14
4. Internships or practical experiences are provided in	7	7	0	0	14
5. My academic advisor helps me set goals to work	7	7	0	0	14
6. Library resources and services are adequate.	5	8	1	0	14
7. I am able to register for classes I need with few	3	10	1	0	14
8. The quality of instruction I receive in most of my	5	9	0	0	14
9. Faculty are understanding of students' unique life	1	11	2	0	14
10. My academic advisor is concerned about my	6	8	0	0	14
11. It is an enjoyable experience to be a student on this	8	6	0	0	14
12. Faculty are fair and unbiased in their treatment of	6	7	1	0	14
13. My academic advisor is knowledgeable about my	9	5	0	0	14
14. Students are made to feel welcome on this campus.	8	6	0	0	14
15. Faculty take into consideration student differences	4	10	0	0	14
16. My academic advisor is knowledgeable about the	5	9	0	0	14
17. The equipment in the lab facilities is kept up to date.	5	9	0	0	14
18. Class change (drop/add) policies are reasonable.	6	8	0	0	14
19. I generally know what's happening on campus.	2	12	0	0	14
20. Faculty provide timely feedback about student	4	10	0	0	14
21. Tutoring services are readily available.	7	7	0	0	14
22. This school does whatever it can to help me reach	6	7	1	0	14
23. The assessment and course placement procedures	6	8	0	0	14
24. Faculty are interested in my academic problems.	6	8	0	0	14
25. Nearly all of the faculty are knowledgeable in their	2	11	0	1	14
26. Faculty are usually available after class and during	5	9	0	0	14
27. Nearly all classes deal with practical experiences	6	7	1	0	14
28. Students are notified early in the term if they are	8	5	1	0	14
29. Program requirements are clear and reasonable.	6	8	0	0	14
30. There is a good variety of courses suitable for my	5	9	0	0	14
31. I am able to experience intellectual growth here.	6	8	0	0	14
32.The campus faculty/staff are caring and helpful.	4	10	0	0	14
33. My academic advisor is available when I need help.	8	5	1	0	14
34. I am able to register for classes I need with few	4	7	3	0	14
35. My advisor helps me apply my program of study to	5	9	0	0	14
36. Computer labs are adequate and accessible.	4	7	2	1	14
				answered question	14
				skipped question	0



Alumni data	From the 15 students graduate for AY2014-2016, 7 student pursue bachelors education in China, Guam and Hawaii 1 full time employed at V6AH station, 4 in FSMTC, 2 in micro PC, 1 in PEO, 1 in ICTV, 2 PUC, 1 RJ electrical and 4 in U.S.. *Source Trade and technology division survey 2014.*
Employment data and employer feedback (employer survey)	The V6AH station supervisor very much satisfied in the performance and skills of our AAS TC graduate which really fits the job description of their AM station. The FSMTC is also one of our partner employer they gave a very satisfactory rating on our 4 graduate students performance which is now presently employed to them.
Program added or cancelled at nearby regional institutions (PCC, GCC, Hawaii schools, UOG, CMI, NMC)	None
Transfer rate	For AY 2014-2016, there is 7 recorded and track that pursue his education to bachelors program at China University. *Source Trade and technology division survey 2016.*
Analysis	
Findings This section provides discussion of information discovered as a result of the evaluation such as problems or concerns with the program and what part of the program is working well and meeting expectation.	A. *Program courses and enrollment.* *The program courses is offered regularly according the suggested courses to be taken on the catalog which result to a timely completion of the program. Course student learning outcome.* B. *Program Faculty* *All VTE 200 level courses have taught by the three full time faculty.* C. *Student Course Learning Assessment.* *AAS TC there were seven (7) technical courses that need to take by a student to earn the AAS degree. All of the courses the target is 70% passing rate on each assessment. The 70% target rate were met on the seven courses. The turnout rate of the students who got a 70or "C" or better grade is above 70%.* D. *Assessment of Program Student Learning Outcome.* *AAS TC assess 5 and 6 PSLO each have a corresponding technical courses which fulfill each learning outcome to comply the program objective.* *The target projection were met base on the result generated from TRACDAT.* E. *Program Enrollment.*

Historical enrollment pattern

Based on the data gathered the enrollment for each semester for AY 2014-2016 Fall-Spring-Fall-spring semester the trending is up going (46,28,38,48). It shows the program have increase its student enrollment during fall14 and decreases during Spring15, this is because most of the students either fail on the course prerequisite or just stop coming to school. The trending change for Fall15 and Spring 16 were it goes up going.

F. *Average class size.*

The average class size for AY2014-2016 varies from semester to semester are 14.5, 8.3, 10 and 15 had up and down pattern.

G. *Course completion rate.*

The data for AY2014-2016 completion rate for Fall-Spring-Fall-spring semester 90.3%, 89.3%, 90.9% and 95.84% is above 70% projected target.

H. *Student Persistence rate (semester to semester).*

The result shows a 100% persistence rating.

I. *Student Retention rate (fall to fall).*

Fall 2013 to Fall 2014 is 50% and Fall 2014 to Fall 2015 is 66.7%. The trend goes up by 11.7%.

J. *Success rate on licensing or certification exam.*

One student become certified technician for the U.S. military apache helicopter on Fall 2015.

K. *Graduation rate.*

COM-FSM Pohnpei campus for AY F2014-SP2016 were able to produce 18 graduates for AAS ET. Source OAR COM-FSM Pohnpei.

L. *Seat Cost-*

AAS TC f12-108, S13-0 and SU13-61. (no new data from IRPO)

M. *Cost of Duplicate or redundant courses, programs or services-*

None

N. *Students' satisfaction rate.*

The program were rated by 14 students was tabulated using a course satisfactory survey conducted by the IRPO on Spring 14. The result is very satisfactory and shows the students are very satisfied on AAS TC program.

O. *Alumni rate.*

Alumni from F2014 to S2016 graduates, 7 went to chine university to further their studies in the field of engineering, and 12 students are employed locally at different telecommunication and electronics providers in the island and 4 pass and now under training in US military.

P. *Employment data and employer feedback.*

1 graduate work at V6AH AM radio station and the feedback of the station supervisor is satisfactory, 1 in PUC in charge of troubleshooting and repair of digital meter and 4 work in FSMTC whose performance is also satisfactory as describe by their supervisor.

Q. *Program Added or cancelled at regional institutions.*

None

R. *Transfer rate.*
7 students continue their education at China University.

Recommendations

This section provides recommendations from the program on what to do to improve or enhance the quality of program and course learning outcomes as well as program goals and objectives. This section should also include suggestions that describe how the program might be able to create opportunities for a better program in the future. Some examples are exploring alternate delivery mechanisms, forming external partnerships, or realigning with other programs.

It is recommended the following strategy should be adopted to ensure the sustainability of TC program and meet the industry demand for TC technician.

1. *Make the VTE 281 (Cellular Phone Servicing) as a regular technical course requirements instead of taking it as elective. This course is only offer in COM-FSM which gives an advantage to our graduate later on. Also an advance technology of the telephone system which is stated in PSLO 6.*
2. *The program need a special equipment and tools such as Hakko micro soldering handpiece, Hakko soldering station, Ho-air solder station, Infrared soldering and rework station, and Trinocular stereo zoom microscope to cope up on the industry miniaturization and integration of electronics component for the student to become competitive in field of troubleshooting and repair of telecommunication products and devices.*
3. *Replace the VEE 266 course as one of its elective course.*
4. *VTE 281 should be a required technical course instead of elective course because it's outcome is geared towards meeting the PSLO 5.*
5. *Combined VTE 280 and VTE 270 into one course and include more hands-on time in telephone set servicing instead.*
6. *Purchase NIDA cards use for VEE 230, VEE 240 and VTE 260. Most of these card are already defective and worn out.*
7. *Additional room is likewise recommended to house the NIDA materials , devices and equipment for proper securing and monitoring purpose. Likewise not mix up to the workshop class room tools and equipment where most of the troubleshooting and repair of equipment and appliances is conducted.*

8. *Ii is also recommended that the technical courses and general education courses must be revisit and benchmark to that of Hawaii community college (HCC) and Guam Community College (GCC) for articulation purpose suppose the student pursue further their education on this regional accredited schools.*

9. *It is also suggested that the division of trade and technology be institutionalized so it will have an independent budget to runs its programs much effectively most specially in purchasing its resources for training and instruction to fulfill the PSLO's and CSLO'S instead of clinging its budget to Pohnpei campus instructional division.*

10. *Course offering suggested in the catalog must be followed every semester to ensure the timely graduation of the student however we also should consider the academic prerequisite that prolong the student stay in the program that cause majority of the student to delay their graduation scheduled date.*