	Certificate of Achievement in Refrigeration and Air Conditioning						
AP Full Official	Program						
Campus	Pohnnei Campus	AP Review Submission	March 2014				
Campus	i onnper Campus	Date	March 2014				
Completed by	Bertoldo B. Esteban Jr.	AR Review Cycle	2011-13				
Program Mission							

A. Program Mission

To develop a skilled manpower and a globally competitive human resources of the Federated States of Micronesia in the field of refrigeration and air conditioning industry.

#### Program Goals

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

#### B. Program Goal:

Its primary purpose is to provide students with marketable entry-level skills in the refrigeration and air conditioning industry or any related field/career. It is designed to qualify students to take external licensure, vendor-based, or skill standards examinations in the field. If standardized external exams are not available in the field of study, the program prepares students at skill levels expected of employees in an occupation found in the local economy.

Program Learning Outcomes:

- 1. Identify safety and occupational health requirements in the Refrigeration and Air Conditioning industry.
- 2. Use specified hand and power tools for Refrigeration and Air Conditioning.
- 3. Perform basic hand skills in maintaining Refrigeration and Air Conditioning system to a given specifications.
- 4. Read and interpret basic electrical drawing and symbols related to Refrigeration and Air Conditioning.
- 5. Perform basic troubleshooting and repair of domestic refrigeration and air conditioning units.
- 6. Participate in the Air Conditioning and Refrigeration profession.

# 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.

# C. Program History

The program was created by recommendations of Pohnpei Campus Advisory Council to offer a certificate of achievement (COA) in refrigeration and air conditioning to train local students to acquire skills in installing, maintaining and repairing of the stated equipment and devices which was a needed skill in the community and the local workforce.

# Milestones:

2005 - One full time instructor was recruited to assist in designing curriculum and offered courses. Modification of the existing program was also done. In the same year, the first batch of refrigeration and air conditioning major students are composed of twelve (12) new students.

2006 – The students have been involved in building instructional material projects such as

fan motor, compressor motor trainer, refrigeration cycle trainer and split type air conditioning installation trainer.

2007 – The students are actively involved in the first yearly Technology and Trade Exhibit event of the college. Some students are assigned to work in the maintenance department of the college Pohnpei state campus, under the work-study program to perform preventive maintenance of classrooms and offices air conditioning units.

2008 – The college purchased some modern refrigeration and air conditioning instrument and equipment used for instructional purposes to improve the program offerings. Students registered in this program are also in-charge in the installation, repair and maintenance of all air conditioning units at the Technology and Trade Division classrooms and offices.

2010 – The program had one graduate student to be able to enter the apprenticeshiptraining program under the USDOL, FSM education department and the college.

2011 - Refrigeration and Air Conditioning Students Club (RACSC) was established with a mission of creating an open environment for refrigeration students to engage in professional and personal growth.

2012 – The Pacific Regional Director of United Nation Environment Protection (UNEP) with the personnel of the Office of Environment and Emergency Management (OEEM) of the FSM national government had an informal visit into the college RAC workshop and discussed the possible collaboration between COM-FSM and the OEEM for the implementation of the Montreal Protocol here in the Federated States of Micronesia.

2013 – October 21-23, the Office of Environment and Emergency Management (OEEM) of the FSM national government and COM-FSM Pohnpei Campus hosted the first "Good Practices in Refrigeration and Air Conditioning" Train the Trainers program in the Federated States of Micronesia. Mr. Michael Moller, Refrigeration and Air Conditioning trainer from Australia-Pacific Technical College (APTC) conducted the three days workshop session. This was sponsored by the United Nation Environment Protection (UNEP) as part of the implementation of the Montreal Protocol here in the FSM.

2013 – November 11-12, I was indorsed by the OEEM to join the Pacific Regional Ozone2Climate Technologies Symposium in Apia, Samoa. On November 13 & 14, I also joined the Pacific Island Train the Trainer Regional Workshop in Good Refrigeration Practices.

2013 – December 18-20, the OEEM requested to the college to allow me to conduct the first Workshop in Good Refrigeration Practices in the Island of Yap with the Yap Refrigeration Association officers and members as participants in the training.

 $2014 - 2^{nd}$  week of January, the first RAC under apprenticeship program completed his 9,000 hours of training in the field. He is now employed as a refrigeration and air conditioning technician of the True Value Store here in Kolonia, Pohnpei.

#### 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.

#### D. Program Description

This program is design to teach the students the principles of refrigeration and air conditioning. It is design to train students in installing, servicing and maintaining domestic and small commercial refrigeration systems. Several courses compliment other programs like BT PLO10 and BMR.

# Program Admission Requirements

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

E. Program Admission Requirements

A student must be a high school graduate or GED certificate holder. Applicants must take the COM-FSM entrance test (COMET) and be accepted by the Admissions Board. Acceptance by the Admissions Board is based on the applicant's score on the COMET and other criteria as defined by the Admissions Board.

#### 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 F. Program Certificate Requirements Program requirements: General Education Requirements:------14 credits MS 104 Technical Math I (4) MS 106 Technical Math II (4) ESL 050 Technical English (3) or SS 100 World of Work (3) CA 095 Basic Computer Application (3)

Technical Requirements:-----21 credits VEM 105 Basic Electricity for A/C (3) VEM 110 Workshop Fabrication (3) VEM 111 Electrical Wiring I (3) VEM 113 Refrigeration I (4) VEM 114 Refrigeration II (4) VWE 115 General Welding (4) Total credits requirements: 35 credits

# Suggested Schedule

Fall Semester 17 credits
ESL 050 Technical English 3
MS 104 Technical Math 4
VEM 105 Basic Electricity for AC Mechanics 3
VEM 110 Workshop Fabrication3
VEM 113 Refrigeration I 4
Spring Semester

Spring Schester	1) 1/14	uis
MS 106 Technical Math		4
VEM 114 Refrigeration II		4
VEM III Electrical Wiring I		3
VWE 115 General Welding		4

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.

G. Program Courses and Enrollment

Below are tables showing the program courses and enrollment figures:

Courses number &	2011	2012	2013
Description			
Technical Requiremen	ts		
VEM 105 Basic	14 RAC	13 RAC	9 RAC
Electricity for A/C	Esteban	Esteban	4 BT
			Esteban
VEM 110 Workshop	15 RAC	13 RAC	11 RAC
Fabrication	Esteban	Esteban	4 CE
			Esteban
VEM 113	14 RAC	15 RAC	9 RAC
Refrigeration I	Esteban	Esteban	6 BT
_			Esteban

Table 1: Fall Semesters (2011 – 2013)

# Table 2: Spring Semesters (2012 - 2014)

1 0			
Courses number &	2012	2013	2014
Description			
VEM 111/P2	1 RAC		
Electrical Wiring I	Victor		
VEM 114 /P1	7 RAC	10 RAC	4 RAC
Refrigeration II	Esteban	Esteban	Esteban
VWE 115/P1	7 RAC	10 RAC	6 RAC
General Welding	4 BM	1 BM	1 BM
_	Esteban	Esteban	Mangubat
VEM 105/P1 Basic	13CE and BT	6 RAC	5 RAC
Electricity for AC	Esteban	6 BT	7 CE/BT
-		Esteban	Esteban

#### Notes

• The cohort scheme is seriously causing a low enrollment in the program specifically during Spring Semester.

Source: COM-FSM Student Information System Record and Instructor Class Record from Fall 2011-Spring 2013

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, provi the faculty student ratio for the program.	ride				
H. Program Faculty					
Full Time Faculty					
Bertoldo Esteban Jr. – Associate Professor/RAC					
Bachelor of Science in Industrial Education					
major in Refrigeration and Air Conditioning Technology					
Marikina Institute of Science and Technology, Philippines					
Master of Arts in Teaching (MAT) main in Electrical					
Master of Arts in Teaching (MAT) major in Electrical					
Philippines					
Supporting Faculty					
Romino Victor Instructor/Electrical Technology					
Associate in Applied Science					
College of Micronesia-FSM					
Kolonia, Pohnpei States 96941					
Nestor Mangubat Instructor/Automotive Technology					
Bachelor of Science in Industrial Education					
Batangas State University					
Program Students and Faculty Ratio – 40:1					
Source: COM-FSM Personnel Listing					
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:	w.				
Assessment of course					
student learning Data regarding course student learning outcomes are available in the					
outcomes of program RAC program at the college W1k1 website and TRACDAT					

coursesAssessment of<br/>program student<br/>learning outcomesData regarding course student learning outcomes are available in the<br/>RAC program at the college Wiki website and TRACDAT or please<br/>refer to the appendix A of this report.

	Table 1: Enrollment by Major							
	TERM			STUDENTS				
		Fa	all 2011				12	
	Fall 2012			24				
		Fall 2013						
		Spr	ing 201	1	20			
		Spr	ing 201	2	17			
		Spr	ing 201	.3	23			
Program enrollment	T-1-1- 2. St	lanta Car	1. 1.	Malan				
(historical enrollment	1 able 2: 50		TERM	Major		CDE		
credits by major)		E	$\frac{112}{112011}$			1	18 5	_
• • •		E E	$\frac{112011}{112012}$			- T(	)0.J )78	_
		E	$\frac{112012}{112013}$			24	.20 12 5	_
		Spr	ing 2013	1		2	23.5	_
		Spr	ing 201	2		1	74	_
		Spr	ing 201	3		2	223	_
		- op-		-				
	Source: IRPO Program Data Sheet for 2013							
Table 3: Program Sections, Enrollment Ratio and						nd Average	Class Size	
	Term	Section	Enro	oll En	rollme	nt	EnrollRatio	AvgClass
	D 11		Max	K	4.4		04.40/	Size
	Fall 2011	3	45		41		91.1%	13.7
	2011 E-11	4	(1		57		02 40/	14.2
	Fall 2012	4	01		57		93.4%	14.3
	Eall	3	45		35		77.8%	11 7
Average class size	2013	5	-13		55		11.070	11.7
Tiverage class size	Spring	3	47		43		91.5%	14.3
	2011						,, , .	
	Spring	3	45		31		68.9%	10.3
	2012							
	Spring	3	45		33		73.3%	11.0
	2013							
	c IDD				042			
	Source: IKPO Program Data Sheet for 2013							
	Table 4. Co	aurea Com	plation	8. With	drawa		to (Maior)	
	Table 4: CO	Stud	lente	$\Delta \mathbf{R} \mathbf{C} \simeq \mathbf{D}^{0/2}$		ABCDorD <sup>0</sup> /2		W/0/2
Course completion	Fall 201	6	5	69	2	111	78.5	6.2
rate	Fall 2012	$\frac{1}{2}$	2	81	.2		90.6	0.0
	Fall 2012	- 5 3 7	<u>-</u> 5	78	.7		90.0	8.0
	Spring	6	8	77	.9		86.8	4.4

				T			T		
	2011								
	Spring		49	42.9	)	57.1		32.7	
	2012								
	Spring		64	76.0	5	78.1		14.1	
	2013								
	Table 5: Cour	se Co	moletion	& With	lrawa	ls Rate (Proc	ram)		
	Term		Students ABCorD% ABCDorD%						
	Fall 2011	50	44	81.8	2	86.4	/ 0	6.8	
	Fall 2011		<u>60</u>	76	7	88.3		5.0	
	Fall 2012		37	90.7	<u>,</u>	04.6		5.0	
	Fail 2013		37	09.2	2	94.0		5.4	
	2011		40	91.3	)	91.5		0.5	
	Spring 2012		40	70.0	)	75.0		20.0	
	Spring		38	84.2	2	86.8		13.2	
	2013								
	Source: IRPO F	Progran	m Data Si	beet for 20	13				
	Table 6: Persistence rate (new full time students)								
	New	Stuc	dents	Student	ts	Persistence	Re	tention	
	Students	2012	2_1	2012_3		Spring 201	2 Fal	1 2012	
Student persistence	FT 2011_3								
semester)	1		5	2		500.0%	2	200.0%	
	Source: IRPO Program Data Sheet for 2013								
	Table 7: Reter	ntion 1	Rate (nev	w full tim	e stuc	lents)			
Student retention rate	New FT	Persi	isted	Retained	1	Persistence	Ret	ention	
(Fall-to-Fall for two-	Fall 2012	Sprin	ng 2013	Fall 201	3	Spring 2013	Fall	2013	
year programs; Fall-	9		9	7		100.0%	7	77.8%	
to-Spring for one-year programs)	Source: IRPO Program Data Sheet for 2013								
Success rates on licensing or certification exams (CTE, TP, Nursing, etc)	There is no certification exam for our graduates develop, however with our collaboration with the OEEM, we are discussing the possibility of giving a licensure examination to all the refrigeration and air conditioning mechanics/technicians in the country to show support to the implementation of Montreal Protocol. RAC program prepares students to pass State and National licensure exams.								
Graduation rate based	Table 8: Grad	uation	n Kate						
on yearly number	AY2010/11		AY2011	/12	AY2	2012/13	AY20	)13_1	
			1					1	

	Notes: Some students did not apply for graduation.							
	Source: IKPO Program Data Sheet for 2013							
Students seat cost	TBD							
Cost of duplicate or								
redundant courses,	TBD							
programs or services								
	The data collected	l and shown are th	ne student evaluati	ion for course				
	instructor. The of	fice of instruction	al coordinator at I	Pohnpei campus				
	gathered it. The data show course code and semester, evaluation							
	criteria, general weighted average number of student evaluator and the							
	legend that describe the degree of rated points.							
		0	-					
	Legend:							
	1 = Never 2	= Rarely 3 =	Sometimes	4 = Usually				
	5 = Always	5		9				
	5							
	Fall 2011							
	Course code &	No. of student	General score	]				
	section	evaluator	average					
	VEM 105/P1	10	48					
	VEM 100/P3	11	4.4	-				
	VEM 113/P1	12	4.9	-				
	VW/F 115/D1	11	4.9	-				
	<u>vwi2113/11</u>	11	4.7	]				
Students' satisfaction	Fall 2012							
rate	Course code &	No of student	Conoral score	1				
	Course coue &	INO. OI Studelli						
	VEN 105 /D1	evaluator	average 2 0					
	VENI 105/P1	0	3.0					
	VEM 110/P3	4	2.8					
	VEM 113/PI	9	3.2	-				
	VEM 113/P2	11	3./					
	VWE 115/P1	12	3.1					
	Fall 2013			1				
	Course code &	No. of student	General score					
	section	evaluator	average					
	VEM 105/P1	8	4.8					
	VEM 110/P3	10	4.9					
	VEM 113/P1	9	4.9					
	Spring 2012							
	Spring 2015	No of the last	Comonstars	1				
	Course code	INO. OF student	General score					
		evaluator	average	1				

	VEM 105/P1		10	4.95			
	VBM 103/P1         8           VEM 114/P1         7		8	4.2			
			7	4.9			
	VWE 115		7	4.9			
	Degree: Certificate	e of A	chievement	in Refrigera	tion and A	Vir	
	Conditioning						
	Name/Graduate	s	Employer		Position		
	1. Prenston Ioan	is	4TY Store	, Kolonia,	RAC tec	hnician	
Alumni data	2. Augustine Augustine		College of Micronesia Pohnpei C	ı-FSM, ampus,	RAC ma	intenance	
	3. Jimmy Silbanu	Z	Kolonia, Pohnpei True Value Store, Kolonia, Pohnpei		RAC tec	hnician	
	4. Wendolin Lair	nos	Palm Terrace Store Kolonia, Pohnpei		Store helper		
	5. Wiener Hinga		DJ Transport service		Taxi driver		
	6. Michael Leo						
	Francisco						
	7. Santrickson Ludrick		INS Store Kolonia, Pohnpei		Delivery	man	
	8. Mills Poll						
	9. Jeffry Joseph						
	<ul> <li>Notes:</li> <li>Some of the students listed above are not in the official list of the college graduates because they did not apply nor attend the graduation ceremony.</li> </ul>						
Employment data and employer feedback (employer survey)	Same as above data except there is no employer's survey						
D 111	The intention of the information below is to compare our refrigeration program into the other school offering the same program.						
Program added or cancelled at nearby regional institutions	Honolulu Community College Refrigeration & Air Conditioning Technology RAC						
(PCC, GCC, Hawaii schools, UOC, CMI	Degree That Can Be	Earned	:	-			
NMC)	Certificate of Achiever	nent (C	A)				
-,	Associate in Applied S	Science	(AAS)				
	Brief Program Description/Goals: Students will gain both the technical knowledge and the hands-on skills necessary to						

	<ul> <li>becoming an efficient and successful refrigeration and air conditioning technician.</li> <li>Students are prepared to pass the (Environmental Protection Agency) EPA Refrigerant</li> <li>Handling Certification. This certification is necessary for work in the field.</li> <li>What Is Unique About The Program: <ul> <li>Honolulu CC serves as the State of Hawai'i's exclusive provider of college level training in</li> <li>Refrigeration and Air Conditioning Technology.</li> </ul> </li> <li>Itemized Estimate of Educational Costs: <ul> <li>Tuition based on total number of credits taken.</li> <li>Books and tools approximately \$800.</li> </ul> </li> <li>Program Prerequisites or Co-requisite: <ul> <li>ENG 19 and/or ENG 21, OR "C" or higher in ESL 11 &amp; 13 &amp; 14, OR Placement in ENG 22/60 or ESL 23</li> <li>MATH 9, OR Placement in MATH 50.</li> </ul> </li> </ul>
Transfer rate	As of AY2011 -AY2013 there is no one who completed the program transferred to AAS degree or any other school.
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.	<ul> <li>Based in the completion rate by major (Table 4) and by program (Table 5) from our IRPO records it shows that high percentage of our students are passing their technical courses requirements but we still have a very low graduation rates as indicated in Table 8. Therefore, the main reasons why we have a very low graduation rates are the academic courses requirement of the program. Most students are losing interest or failing in these courses, specifically the Technical Math 104 and 106 that makes them decide to discontinue their program.</li> <li>I also noticed that the suggested class schedules in the college catalog were not followed.</li> <li>Cohorts scheme is affecting badly the enrollment of new students in the program as shown in Table 1 and 2.</li> <li>Lack of instructional materials. To support this finding you may check the CLA for the refrigeration program.</li> </ul>
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	<ul> <li>Due to the changes in the refrigeration and air conditioning industry as mandated by the Montreal Protocol that every member nations must follow the regulations regarding the use and disposal of ozone depleting substances, I strongly recommend the modification of the program to meet the new standards in the refrigeration industry.</li> <li>I recommend that we must adapt the curriculum used by the</li> </ul>

programs.	Honolulu Community College for their Refrigeration and Air Conditioning Technology program to improve the quality of our program and to assure our local employers that our graduates are capable to work in their field of specialization.
	• More skills training for the program instructor to cope-up with the rapid changes in the refrigeration industry due to the ozone protection and global warming issues.
	• Open an Associate of Applied Science Degree in Building Technology major in Refrigeration and Air Conditioning to provide higher level of training and services. Give opportunity to the community members to have a degree in this field of specialization.
	• Allot an institutionalized budget for the Trade and Technology division.
	• Consider to charge students tuition fee by course contact hours not by course credits to compensate with the program operation cost.
	• Add more hours for the laboratory practices and lessen the number of lecture hours.
	• Stop the cohort scheme in the certificate program
	• Remove some MS 104 and 106 as a Math requirement of the program and used MS 094 instead.
	• Make a specific number coding for all the RAC major courses.
	• Follow the suggested class schedules in the college catalog.

Form is newly revised. Previous Program Reviews are available at <u>http://wiki.comfsm.fm/Academic\_Programs</u>

Micronesian Studies is a very good example. Program review checklist is on the next page.

# Appendix A. Assessment of Program Student Learning Outcomes

Unit Assessment Report - Four Column					
College of Micronesia - FSM					
D - INSTUCTION - REINGERATION AND AIR CONDITION (CA)  Mission Statement: To develop a skilled manpower and a globally competitive human resources of the Federated States of Micronesia in the field of refrigeration and air conditioning industry.					
Program Student Learning Outcomes	Assessment Strategies & Target / Tasks	Results	Improvement & Follow-Up		
B - instruction - Refrigeration and Air Condition (CA) - PSLO3 - Perform basic hand skills in maintaining refrigeration and air conditioning systems to a given specifications. PSLO Assessment Cycle: 2013 - 2014 Start Date: 08/19/2012	Assessment Strategy: Given an air conditioning unit, hand tools and supplies, the students will perform general cleaning of the unit. Assessment Type: Presentation/Performance Target: 70% of all the students registered in this program must get a grade of "C" or better	12/20/2012 - 11 out of 15 students or 73% students got 'C' or better as their final grade in VEM 113 Refrigeration I course. <b>Target Met:</b> Yes <b>Reporting Period:</b> 2012 - 2013	05/20/2013 - Need more training materials to fulfill PSLO3 effectively.		
Inactive Date: 05/20/2013 PSLO Status: Inactive					
B - instruction - Refrigeration and Air Condition (CA) - PSLO4 - Read and interpret basic electrical drawing & symbols related to refrigeration and air conditioning systems. PSLO Assessment Cycle: 2013 - 2014 Start Date:	Assessment Strategy: Given a refrigerator, room air conditioner, multi-meter and electrical components, the student will rewire the units as specified in the schematic diagram. Assessment Type: Presentation/Performance Target:	05/20/2013 - 10 out of 13 students or 77% students got "C" or better as their final grade in VEM 105 Basic Electricity for AC and Refrigeration Mechanic course. Target Met: Yes Reporting Period: 2012 - 2013	05/20/2013 - Need more training materials to fulfill PSLO4 effectively.		
08/19/2012	70% of all the students registered in this program must get a grade of "C" or better				
05/20/2013 PSLO Status: Inactive					
B - instruction - Refrigeration and Air Condition (CA) - PSLO5 - Perform basic trouble shooting and repair to residential air conditioning units and refrigerators. <b>PSLO Assessment Cycle:</b> 2013 - 2014	Assessment Strategy: Given a defective room air conditioner, refrigerator, recovery machine, vacuum pump, system analyzer and supplies, the students will diagnose the defects and repair it with workmanship.	03/20/2014 - 15 out of 15 or 100% students got "C" or better as their final grade in VEM 113 Target Met: Yes Reporting Period: 2013 - 2014			
Start Date: 08/19/2013	Assessment Type: Presentation/Performance	03/20/2014 - 15 out of 15 or 100% students got "C" or better as their final grade in VEM 110			
03/23/2014 7:58 PM Generated by TracDat a product of Nuventive.		Page 1 of 2			

Program Student Learning Outcomes	Assessment Strategies & Target / Tasks	Results	Improvement & Follow-Up
Inactive Date: 05/20/2014 PSLO Status: Active	Target: 70% of all the students registered in this program must get a grade of "C" or better	Target Met: Yes Reporting Period: 2013 - 2014	
		03/20/2014 - 11 out of 13 or 85% students got "C" or better as their final grade in VEM 105	
		Target Met: Yes Reporting Period: 2013 - 2014	
B - instruction - Refrigeration and Air Condition (CA) - PLSOB - Participate in the air conditioning and refrigeration profession. <b>PSLO Assessment Cycle:</b> 2013 - 2014 <b>Start Date:</b>	Assessment Strategy: The students will be group by two's and assign to do refrigeration and air conditioning services into the community. Assessment Type: Project-Group	03/20/2014 - 11 out of 13 or 85% students got "C" or better as their final grade in VEM 105 <b>Target Met:</b> Yes <b>Reporting Period:</b> 2013 - 2014	
08/19/2013 Inactive Date: 05/20/2014 PSLO Status: Active	Target: 70% of all the students registered in this program must get a grade of "C" or better	03/20/2014 - 15 out of 15 or 100% students got "C" or better as their final grade in VEM 113 Target Met: Yes Reporting Period: 2013 - 2014	
03/23/2014 7:58 PM	Generated by TracDat a pr	oduct of Nuventive.	Page 2 of 2