Unit Assessment Report - Four Column

Guam Community College
Fire Science Technology Certificate (Cycle dependent)

Mission Statement: Our mission as a unique community college is to be Guam's lead education agency in training, education, and support services in all ways related to Guam's workforce development needs and the career and employment goals of the people and to work in partnership with industry to advance economic development in Guam as a regional focal point for Micronesia within the Asia-Pacific Rim. Our mission is human resource development in support of Guam's major social and economic development goals.

Vision Statement: The goal of the certificate degree program in Fire Science Technology is to provide graduates with the skills and technical knowledge needed to become a fire company officer.

Student Learning Outcomes (SLOs)	Means of Assessment & Criteria (Written in %) / Tasks	Data Collection Status/Summary of Results	Use of Summary Result & Implementation Status
Fire Science Technology Certificate (Cycle dependent) - Command a Fire Company - Graduates will be able to command a fire company during emergency response situations. **Start Date:** 06/17/2002	**Artifact/Instrument/Rubric/Method/Tool Description:** A survey of recent graduates and their commanding officers was conducted. 70% of each survey group will indicate that graduates have commanded during emergency situations or are capable of doing so. **Criterion (Written in %):** Graduates have commanded during emergency situations or are capable of doing so.	06/17/2002 - Eleven graduate surveys and 11 commanding officer surveys were distributed. One graduate and two officers returned the surveys. All agreed of strongly agreed that recent graduates are well prepared and able to command a fire company. **Summary of Result Type:** Problem/limitation **Data Collection Status/Summary of Result Status:** Open	06/17/2002 - Rate of return insufficient to draw statistically valid conclusions about the ability of graduates. _____
Fire Science Technology Certificate (Cycle dependent) - Demonstrate proficiency in the use of fire hose, nozzles, appliances, adapters, and hose streams. - Demonstrate proficiency in the use of fire hose, nozzles, appliances, adapters, and hose streams. **SLO Status:** No longer a desired outcome	**Artifact/Instrument/Rubric/Method/Tool Description:** Instructor-developed competency checklist based on requirements found in the FS104 course guide. **Criterion (Written in %):** 70% of all FS104 completers will score 80% or higher on the first try. 100% of those scoring below 80% on the first try will be given remedial instruction and will score 80% or higher on the second try.		
Fire Science Technology Certificate (Cycle dependent) - Perform a residential or business fire prevention inspection. -	**Artifact/Instrument/Rubric/Method/Tool Description:** Instructor-developed Competency checklist		

Student Learning Outcomes (SLOs)	Means of Assessment & Criteria (Written in %) / Tasks	Data Collection Status/Summary of Results	Use of Summary Result & Implementation Status
Perform a residential or business fire prevention inspection. **SLO Status:** No longer a desired outcome	**Criterion (Written in %):** 70% of FS105 completers will score 80% or higher on the first try. 100% of those scoring below 80% on the first try will be given remedial instruction and will score 80% or higher on the second try.		
Fire Science Technology Certificate (Cycle dependent) - Perform the required duties of an Emergency Medical Technician-Basic. - Perform the required duties of an Emergency Medical Technician-Basic. **SLO Status:** No longer a desired outcome	**Artifact/Instrument/Rubric/Method/Tool Description:** AAOS examination administered by Guam DPH&SS. (National Standard Curriculum & NREMT cert. test) **Criterion (Written in %):** 70% of EMS103 completers will pass the national exam on the first try (80% required for passing). Following remedial instruction, 100% of those failing the first try will pass on the second try.		
Fire Science Technology Certificate (Cycle dependent) - Posess Knowledge NFPA and OSHA Regulations - Graduates will possess requisite knowledge of NFPA and OSHA regulations pertaining to the fire services. **Start Date:** 06/17/2002 **SLO Status:** No longer a desired outcome	**Artifact/Instrument/Rubric/Method/Tool Description:** 70% of participants in the mock promotional examination will pass the written test that measures knowledge of NFPA and OSHA regulations. **Criterion (Written in %):** 70% will pass	06/17/2002 - The lone participant passed the written test with 80%. **Summary of Result Type:** Problem/limitation **Data Collection Status/Summary of Result Status:** Open	06/17/2002 - Rate of participation was insufficient to draw statically valid conclusions.
Fire Science Technology Certificate (Cycle dependent) - Posess the Technical knowledge - Graduates of the program will possess the technical knowledge required to command a fire company. **Start Date:** 06/17/2002 **SLO Status:** No longer a desired outcome	**Artifact/Instrument/Rubric/Method/Tool Description:** Recent graduates were asked to participate in a mock promotional examination. 70% of participants will pass the examination. **Criterion (Written in %):** 70% will pass	06/17/2002 - The program has produced 11 graduates in the past 5 years. All were invited to participate in the mock exam. One graduate participated and passed the oral exam with 80% and "endorse for promotion" on the oral exam. **Summary of Result Type:** Problem/limitation **Data Collection Status/Summary of Result Status:** Open	06/17/2002 - Only 1 of 11 recent graduates participated in the exam. Even though the participant passed the exam, rate of participation was insufficient to draw conclusion.

05/02/2012 10:49 AM   Generated by TracDat a product of Nuventive.   Page 2 of 4

Student Learning Outcomes (SLOs)	Means of Assessment & Criteria (Written in %) / Tasks	Data Collection Status/Summary of Results	Use of Summary Result & Implementation Status
Fire Science Technology Certificate (Cycle dependent) - 2011-2012 Catalog SLO#1 - SLO#1: Upon successful completion of the Certificate in Fire Science Technology, students will be able to Understand the current tactics used by fire personnel for suppression and prevention of fires, the operations and role of fire personnel, and the functions of fire service within the community. **SLO Status:** Currently being assessed **Program Level SLO Industry National Certification:** N/A			
Fire Science Technology Certificate (Cycle dependent) - 2011-2012 Catalog SLO#2 - SLO#2: Upon successful completion of the Certificate in Fire Science Technology, students will be able to analyze and apply the theories, techniques, and methods of basic fire and rescue. **SLO Status:** Currently being assessed **Program Level SLO Industry National Certification:** N/A			
Fire Science Technology Certificate (Cycle dependent) - 2011-2012 SLO#3 - slo#3: Upon successful completion of the Certificate in Fire Science Technology, students will be able to demonstrate the techniques required for fire safety and prevention, to work as a team, and to respond to a variety of emergency situations.			

Student Learning Outcomes (SLOs)	Means of Assessment & Criteria (Written in %) / Tasks	Data Collection Status/Summary of Results	Use of Summary Result & Implementation Status
SLO Status: Currently being assessed **Program Level SLO Industry National Certification:** N/A			