**Date** 2012-13 **Name of Administrative or Educational t Unit:** \_\_Fire Science \_\_\_\_ \_\_\_\_\_\_\_\_\_\_

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**Mission:**

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| The firefighter with a well-balanced educational background will be better prepared to serve and protect the community. Collin's Fire Science program is designed to give current and future Fire Officers the certifications and experience necessary for effective decision-making and leadership skills in the fire department. Students acquire the technical knowledge needed to combat the fire problems created by modern living and develop leadership skills required of the fire Officer. The program meets the requirements of the Texas Commission on Fire Protection (TCFP). Students certified in Texas as a Basic Firefighter are eligible to take the State Certification Exams for Fire Instructor I, Il and Fire Officer I, II after successfully completing selected courses in the Fire Officer Certificate program |

**PART I: Might not change from year to year**

| A. Outcomes(s)  Results expected in this department/program | B. Measure(s)  The instrument or process used to measure results | C. Target(s) The level of success expected |
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| 1. Grade student oral, written, or performance tests, given  class answer sheets or skills checklists and appropriate  answer keys, so the examinations are accurately graded and  properly secured. | Texas Commission on Fire Protection Basic  Firefighter Certification Exam – Fire Instructor I level | 92 % of class successfully pass exam with a  minimum overall 70% score |
| 2. Supervise other instructors and students during training, given a training scenario with increased hazard exposure, so that applicable safety standards and practices are followed,  and instructional goals are met. | Texas Commission on Fire Protection Basic  Firefighter Certification Exam – Fire Instructor II | 92 % of class successfully pass exam with a  minimum overall 70% score |
| 3. The Fire Officer I candidate shall develop a pre-incident plan, given an assigned facility and preplanning policies, procedures, and forms, so that all required elements are identified and the approved forms are completed and processed in accordance with policies and procedures. | Texas Commission on Fire Protection Basic  Firefighter Certification Exam – Fire Officer I level | 92 % of class successfully pass exam with a  minimum overall 70% score |
| 4. The Fire Officer II candidate shall develop and conduct a post-incident analysis, given multi-unit incident and post-incident analysis policies, procedures, and forms, so that all required critical elements are identified and communicated and the approved forms are completed and processed | Texas Commission on Fire Protection Basic  Firefighter Certification Exam – Fire Officer II level | 92 % of class successfully pass exam with a  minimum overall 70% score |

**PART II: For academic year (enter year i.e. 2011-12)**

**From Part I**

| A. Outcomes(s)  Results expected in this department/program | D. Action Plan Years 5 & 2  Based on analysis of previous assessment, create an action plan and include it here in the row of the outcomes(s) it addresses. | E. Implement Action Plan  Years 1 & 3  Implement the action plan and collect data | F. Data Results Summary  Years 2 & 4  Summarize the data collected | G. Findings  Years 2 & 4  What does data say about outcome? |
| --- | --- | --- | --- | --- |
| 1. Grade student oral, written, or performance tests, given class answer sheets or skills checklists and appropriate answer keys, so the examinations are accurately graded and properly secured. | See action plan in #2. | Implement the action plan and collect data | 2011-12 results averaged 85.7% for SLO1  2012-13: results averaged 96.5% for SLO1 | 2011-12: Standard met  2012-13: Standard met |
| 2. Supervise other instructors and students during training, given a training scenario with increased hazard exposure, so that applicable safety standards and practices are followed,  and instructional goals are met. | 2a Increase the number of questions on the course quizzes and final exam specific to this student learning outcome.  2b Take photos of a staged training scenario involving an increased hazard. Ask students to identify potential hazards and submit corrective safety plan | Implement the action plan and collect data | 2011-12 results averaged 50% for SLO2  2012-13: results averaged 74.6% for SLO2 (up 24.6%), | 2011-12: Standard not met for SLO2.  2012-13: Standard met  Although much improved and meeting the standard, SLO2 is still the weakest area and will get additional attention. |
| 3. The Fire Officer I candidate shall develop a pre-incident plan, given an assigned facility and preplanning policies, procedures, and forms, so that all required elements are identified and the approved forms are completed and processed in accordance with policies and procedures. | See action plan in #2. | Implement the action plan and collect data | 2011-12: results averaged 100% for SLO3  2012-13: results averaged 94.5% for SLO3 | 2011-12: Standard met  2012-13: Standard met |
| 4. The Fire Officer II candidate shall develop and conduct a post-incident analysis, given multi-unit incident and post-incident analysis policies, procedures, and forms, so that all required critical elements are identified and communicated and the approved forms are completed and processed | See action plan in #2. | Implement the action plan and collect data | 2011-12: results averaged 88.64% for SLO4.  2012-13: results averaged 83.6% | 2011-12: Standard not met  2012-13: Standard met |