

Appendix D:

Health and Public Safety Division

2012-13 Assessment of Student Learning Results

DISCIPLINE: Dental Assisting/Health

Department: Dental Assisting

Completed by: Janet Trujillo, 7/29/2013

SLO 1 - 95_% of DEA students will receive a 3 or higher on the restorative task performances of Amalgam and Composite to demonstrate competency.

Assessment Method/ Timeframe -

Performance Assessment in DEA 124 and DEA 128, Spring 2013.

Assessment Results – PERFORMANCE TARGET/NATIONAL AVERAGES = 12 students

Number of Students Class Averages - 93% - students received 3 or higher on performance evaluation rubric, however additional practice is needed to meet benchmark set.

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|-------------|---------|-------------|-------------------------|
| Spring 2013 | DEA 124 | 12 students | 93% average performance |
| | DEA 128 | | |

Actions/Adjustments - Additional practice of chairside restorative procedures to meet benchmark of 95% competency. Increase 1:1 student simulation practice with instructor and require student to view restorative videos. Repeat assessment of this SLO.

SLO 2 - Students will be able to demonstrate knowledge and skill in OSHA & Infection Control procedures in a clinical setting to ensure a safe working environment.

Assessment Method/ Timeframe –

Performance Assessment in DEA 126, Fall 2012.

Assessment Results - PERFORMANCE TARGET/NATIONAL AVERAGES = 85%

85% of students met benchmark of 3 or higher (out of 5) on performance evaluation rubric.

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| Fall 2012 | DEA 126 | 13 students | 85% met performance/ communication benchmark |
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Actions/Adjustments - Raise benchmark to 90% and encourage students to take DANB national board infection control examination at the end of fall semester; establish financial support for national board exams through PCC Foundation scholarships. Department will continue to assess this SLO.

DISCIPLINE: Dental Hygiene/Health

Department: Dental Hygiene

Completed by: Judy Costanza & Steven R. Jacobsen, D.D.S.

Reviewed by Elsa Eccles, 6/17/2013

SLO 1 - Students will be able to effectively assess, organize and evaluate patient record content to improve overall patient care management.

Assessment Method/ Timeframe –

Performance Assessment in DEH 271, Fall 2012 and in DEH 170 Spring 2013.

Assessment Results - PERFORMANCE TARGET/NATIONAL AVERAGES: 100% of the students will receive a 100% on the chart audit grade (after receiving formative feedback).

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| Fall 2012/Spring 2013 | DEH 171 | 15 students | 95% average (Professional Practices) |
| | DEH 270/271 | 14 students | 89% average (Professional Practices) |
| | All classes | 29 students | 97% average (Chart Audit Evaluation) |

Actions/Adjustments – A referral tracking system for follow-up care was developed to determine how many patients scheduled recommended follow-up care. Referrals will be tracked; another SLO will be selected for the next cycle.

SLO 2 - Students will be able to effectively recruit, thoroughly identify, complete process of care and evaluate treatment of periodontal patients

Assessment Method/ Timeframe – Performance Assessment and Personal Communication in DEH 171, 270, and 271, Fall 2012 Spring 2013.

Assessment Results -

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|-----------------------|-------------|-------------|-----------------------------------|
| Fall 2012/Spring 2013 | DEH 171 | 15 students | 98.6% Performance & Communication |
| | DEH 270/271 | | |

Actions/Adjustments - The periodontal patient consult concept will be planned and initiated earlier for the class of 2014. Continue to use the student-completed perio form for new class. Reassess this SLO next time to check effectiveness.

DISCIPLINE: Emergency Medical Services/Health

Department: Emergency Medical Services

Completed by: Dawnelle Mathis, 7/10/2013

SLO 1 - Students will be able to perform all skills appropriate to the entry level paramedic.

Assessment Method/ Timeframe – Performance Assessment in EMS 226, 228, 230, 232, and 234, Fall 2012 Spring 2013.

Assessment Results –

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|-------------|-----------------|-------------|------------------------------------|
| Fall 2012 | EMS 226/230/234 | 13 students | 100% passed performance evaluation |
| Spring 2013 | EMS 232/228 | 13 students | 100% passed performance evaluation |

Actions/Adjustments – Check off sheets will be revised to increase efficiency of using multiple check offs. Student orientation on how to check off each other on skills will be improved.

SLO 2 - Students will be able to demonstrate the ability to team lead with the cognitive, psychomotor and affective skills necessary for an entry level EMS provider.

Assessment Method/ Timeframe – Performance Assessment in EMS 121, 122, and 123, Spring 2013.

Assessment Results –

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|-------------|-----------------|-------------|--------------------------------------|
| Spring 2013 | EMS 121/122/123 | 30 students | Assessment not conducted as planned. |
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Actions/Adjustments – The skills were assessed during scenarios in the course lab, but instructors observed that students were not, for the most part, able to team lead during course scenarios. Scenario practice will be enhanced for the next cycle to strengthen students' team leadership skills.

DISCIPLINE: Fire Science/Public Safety

Department: Fire Science

Completed by: Alan Ziff, 6/10/2013

SLO 1 - Students will be able to demonstrate professional behavior in the classroom as well as on the campus, at off-site training and public venues whenever wearing clothing representing affiliation with the PCC Fire Academy.

Assessment Method/ Timeframe – Performance Assessment in FST 100, Spring 2013.

Assessment Results –

Spring 2013 FST 12 students Assessment not conducted as planned.

Actions/Adjustments - The SLO will be reassessed after implementing changes in instruction. The rubric criteria will be discussed throughout the semester, and will include regular feedback between the students and the instructor. Also, both the instructor and the student will participate in the assessment process, with a planned midterm and final one-on-one meeting.

SLO 2 - Students will be able to ... Perform skills appropriate to the entry level firefighter as defined by the National Fire Protection Association (NFPA) Standard 1001.

Assessment Method/ Timeframe – Performance Assessment in FST 100, Spring 2013.

Assessment Results – Performance target was an 80% pass rate. The NFPA results, we had a 100% pass rate in the PCC class, but an 80% pass rate in the State Certification test. Those who failed in the State test did very well on the difficult skills but failed on the very easy ones due to being nervous.

Actions/Adjustments - Toward the end of the semester we will include JPR skill evaluators the students are unfamiliar with in an effort to de-sensitize them to having unknown State Proctors performing their test evaluations. We are doing well at teaching the skill sets necessary to pass the JPRs, but we need to devise a means to reduce the negative impact generated when the students are being observed by State Proctors they do not know. Both the PCC JPR tests and the State Certification JPR test results. SLO 2 will be reassessed next year.

DISCIPLINE: Medical Imaging Technologies/Health

Department: Medical Imaging Technologies

Completed by: Shawna Chamberlain, 6/6/2013

SLO 1 - Students will be able to identify the function of a digital image reader

Assessment Method/ Timeframe – Selected Response RTE 221, Fall 2012.

Assessment Results - PERFORMANCE TARGET: Students will achieve an average score of 75% or better on 3 exams.

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|-----------|---------|-------------|-------------------|
| Fall 2012 | RTE 221 | 33 students | 89% average score |
|-----------|---------|-------------|-------------------|

Actions/Adjustments - No changes are needed. A different SLO will be assessed for the next cycle.

SLO 2 - Students will be able to perform a KUB radiograph in the energized lab with 75% proficiency.

Assessment Method/ Timeframe – Performance Assessment in RTE 121, Fall 2012.

Assessment Results -

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|-----------|---------|-------------|-------------------|
| Fall 2012 | RTE 221 | 22 students | 93% average score |
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Actions/Adjustments - No changes are needed. A different SLO will be assessed for the next cycle.

DISCIPLINE: Nursing/Health

Department: Nursing

Completed by: Eva Tapia, 8/12/2013

SLO 1 – The student will be able to provide safe, quality, evidence-based, patient-centered nursing care in a variety of healthcare settings to diverse patient populations across the lifespan.

Assessment Method/ Timeframe – Selected Response in NUR 212, Fall 2012.

Assessment Results - PERFORMANCE TARGET/NATIONAL AVERAGES = 97%

(75% of students will achieve >90% on the first testing and 97% will achieve 90% by the third testing. 100% of students advancing to the 4th semester must achieve a minimum score of 90%. The performance measure indicates how many students are able to complete this competency without re-testing. 100% of students in this group were able to pass the math competency but an average of 50% of students required repeat testing before competency was met.)

RESULTS Class Averages -

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|-----------|---------|-------------|-------------|
| Fall 2012 | NUR 212 | 63 students | 90% average |
|-----------|---------|-------------|-------------|

Actions/Adjustments - Introduce a review of first year math problems earlier in the course. Plan more advanced math calculations in the first third of the course; and put math calculations of increasing complexity on each exam. Complete all math instruction in the first two-thirds of the course so that instructional time for group tutoring or further instruction can be incorporated as needed.

SLO 2 - Students will be able to provide leadership in a variety of healthcare settings for diverse patient populations.

Assessment Method/ Timeframe – Selected Response on examination and Performance Assessment on Clinical Evaluation in NUR 230, Spring 2013.

Assessment Results - PERFORMANCE TARGET/NATIONAL AVERAGES = 72%

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|-------------|---------|-------------|------------------------------------|
| Spring 2013 | NUR 230 | 28 students | 77.3% (after 2 nd exam) |
| Spring 2013 | NUR 230 | 28 students | 90% average on performance. |

Actions/Adjustments – Integrate legal rights, advocacy, and referrals into all courses in the program. Assess a different SLO in next cycle.

DISCIPLINE: Physical Therapy Assistant/Health

Department: Physical Therapy Assistant

Completed by: Margaret Oreskovich, 9/24/2013

SLO 1 – Students will be able to apply anatomical knowledge of bony landmarks in order to perform patient measurement assessments to complete and /or modify the treatment.

Assessment Method/ Timeframe – Selected Response on examination in HPR 117, Spring 2013.

Assessment Results -- PERFORMANCE TARGET/NATIONAL AVERAGES: 90% of students pass the post-test with 80% or higher on their knowledge of bony landmarks.

Spring 2012f HPR 117 22 students 55% passed w/80% score or higher

Actions/Adjustments: Additional assessment tools will be added at the end of HPR 117 and at the beginning of PTA 140 to assess transfer of knowledge from one course to another. Instruction of this topic (bony landmarks) will be increased and modified as needed to ensure that program participants have essential knowledge needed as a practitioner in the workplace. Assessment of this SLO will continue.

SLO 2 Students will be able to evaluate patients' medical status and the ability of the patient to participate in the established plan of care.

Assessment Method/ Timeframe – Performance Assessment on Final Clinical Internship in PTA 282, Spring 2013.

Assessment Results

Spring 2013 PTA 282 21 students 95.2% scored 9.5/10

Actions/Adjustments—A different SLO will be assessed during the next cycle.