

CNM ANNUAL STUDENT LEARNING ASSESSMENT REPORT

Due to the Student Academic Assessment Committee by October 15



PART 1: REPORT INFORMATION

Report Year and Contact Information			
<u>2017-2018</u> Academic Year	<u>Amy Rademacher</u> Contact Person	<u>Arademacher1@cnm.edu</u> CNM Email	<u>50187</u> CNM Office Extension

Subject of this Report
HWPS--SPT_CERT--Sterile Processing Technician Certificate

PART 2: CONTEXT IN WHICH THE ASSESSMENT TOOK PLACE

Program/Area Highlights and Successes
<small>(Wherever applicable, include course completion rates, job placement outcomes, and licensing examination pass rates. See the program information dashboard at https://livecnm.sharepoint.com/sites/Dashboards/SitePages/Program%20Information%20Dashboard.aspx (access restricted to CNM employees) and other reports at https://www.cnm.edu/depts/opie.)</small>
SPT continues to be a very popular program. It has a retention rate of 71.8% and a completer success rate of 100%.

Changes Implemented During the Past Year in Support of Student Learning
SPT 1010 (Theory) is now being taught online. Students only have to come to campus once a week for ST 1092 (Lab).

PART 3: REPORT ON ASSESSMENT OF STUDENT LEARNING

Assessment Method	Type of Assessment Tool	Population or Course(s) Assessed	Graduate Learning Outcome(s) Assessed	Mastery Level (E.g., "Minimum score of 3 on a rubric scaled 0-4" or "Minimum score of 75%")	Targeted % Achieving Mastery	Outcome
Imbedded test questions	Direct & Internal	SPT 1010	Describe the functions of Central Supply and Sterile Processing Departments	70%	92%	Target met
Imbedded test questions	Direct & Internal	SPT 1010	Describe how anatomy and physiology, microbiology, and infection control relate to the work performed in Central Supply and Sterile Processing Departments	70%	82%	Target met
Lab Skills Check Off	Direct & Internal	SPT 1092	Describe the function performed within the decontamination and sterile instrument room	70%	93%	Target met
Lab Skills Check Off	Direct & Internal	SPT 1092	Demonstrate the correct use of sterilization process monitors for all sterilizers	70%	93%	Target met
Imbedded test questions	Direct & Internal	SPT 1010	Describe proper stock rotation mechanisms and the importance of a well-managed inventory	70%	93%	Target met
Instrument ID Test	Direct & Internal	SPT 1092	Identify basic surgical instrumentation by name and classification	70%	50%	Target not met

Summary of Assessment Findings
Outcome 1: The students' score in Fall 2017 was 91% and Spring 2018 scored 93%. This meets or exceeds the goals set for this outcome for Fall 2017 and Spring 2018.

Outcome 2: The students' overall score in Fall 2017 was 78%. In A&P the score was 60%; Microbiology-81%; and infection control-89%.
 The students' overall score in Spring 2018 was 93%. In A&P the score was 91%; Microbiology-83%, and infection control-93%.
 The overall score meets or exceeds the goals set for this outcome for Fall 2017 and Spring 2018.

Outcome 3: The students' score in Fall 2017 was 93% and Spring 2018 was 91.6%.
 This meets or exceeds the goals set for this outcome for Fall 2017 and Spring 2018.

Outcome 4: The students' score in Fall 2017 was 93% and Spring 2018 was 91.6%.
 This meets or exceeds the goals set for this outcome for Fall 2017 and Spring 2018.

Outcome 5: The students' score in Fall 2017 was 96% and in Spring 2018 was 90%.
 This meets or exceeds the goals set for this outcome for Fall 2017 and Spring 2018.

Outcome 6: The students' score in Fall 2017 was 35% and Spring 2018 was 58%.
 This outcome did not meet the goals set for this either Fall 2017 or Spring 2018.

Interpretation of Assessment Findings

Looking at Outcome 6, the Fall 2017 class did not work on 7 of the instrument sets that are in lab. In Spring 2018, the class did not work on 5 of the instrument sets in lab. It was not the same sets of instruments in the two classes. Looking at previous years, all of the sets were utilized in lab

Action Plan in Support of Student Learning (Describe changes to be made that are based at least in part on the assessment interpretation. If the assessment did not yield useful information, describe changes to be made in the assessment methodology and/or criteria.)

The instructors will be notified of what happened and asked to have the students utilize all of the instrument sets in lab.

Please select all of the following that characterize the types of changes described in the above action plan:

- Assessment criteria revision
- Assessment methodology revision
- Assignment revision
- Budgetary reallocation
- Change in teaching approach
- Course content revision
- Curricular Revision
- Faculty training/development
- Process revision

Recommendations, Proposals, and/or Funding Requests	Budget Needed
None	None

PART 4: REMAINING YEARS IN CURRENT ASSESSMENT CYCLE PLAN (including any revisions) – **OR -- UPCOMING ASSESSMENT CYCLE PLAN** (if this was the final year)

Years of Full Cycle	Next Year's Assessment Focus (Describe how the next planned assessment is expected to provide information that can be used toward improving student learning.)
2016-2021	We plan to explore the underlying reasons for an apparent difference in overall achievement levels between past classes and the Fall 2017-Spring 2018 classes in regards to Exit Competency 6. This is the first year that SPT 1010 being taught online instead of face to face. There is a need to explore if there was a disconnect between what was taught online and then putting it into practice in a face to face lab.

Graduate Learning Outcomes to Be Assessed	Years in which Assessment Is Planned	Population/Courses to Be Assessed	Planned Assessment Approach
Describe the functions of Central Supply and Sterile Processing Departments	2019-2021	SPT 1010	Embedded test questions
Describe how anatomy and physiology, microbiology, and infection control relate to the work performed in Central Supply and Sterile Processing Departments	2019-2021	SPT 1010	Embedded test questions
Describe the function performed within the decontamination and sterile instrument room	2019-2021	SPT 1092	Lab skills check off
Demonstrate the correct use of sterilization process monitors for all sterilizers	2019-2021	SPT 1092	Lab skills check off
Describe proper stock rotation mechanisms and the importance of a well-managed inventory	2019-2021	SPT 1010	Embedded test questions
Identify basic surgical instrumentation by name and classification	2019-2021	SPT 1092	Instrument Set Assignments