

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>2018-2019</u>	<u>Paul Clark</u>	<u>paulc@cnm.edu</u>	<u>50034</u>
Academic Year	Contact Person	CNM Email	CNM Office Extension

Subject of this Report
BIT--CIS_LINUX--Linux Testout

PART 2: CONTEXT IN WHICH THE ASSESSMENT TOOK PLACE

Program/Area Highlights and Successes (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 .)
Over the past 12 months the pass rate of CNM students is within 1 percent of the national average: CNM 74.34%, National Average 73.83% The Testout learning domains are consistent with introductory level Linux certifications from CompTia and RedHat.

Changes Implemented During the Past Year in Support of Student Learning
Review of lesson plans, objectives and assessments

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
Hands On Projects	Direct & Internal	CIS 1680	Command Line File System management Boot Configuration Process Management Package Management User and Group Management User Access Management Network and Print Configuration Management	Passing score on the Testout final exam 1130 of 1700 total points equal to national average.	69%	Target not met
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Summary of Assessment Findings

Most students are successful at the common final exam prepared by Testout. We were less than 1% below the targeted national average the past 12 months.

Interpretation of Assessment Findings

Testout is suited for Linux Essentials, an introductory class taught by 2 or 3 instructors per term.

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.)

Hands on exercises found to help students re-inforce learning objectives. Online section is in blended format requiring on-campus assignments.

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

- | | | |
|---|--|---|
| <input type="checkbox"/> Assessment criteria revision | <input type="checkbox"/> Assessment methodology revision | <input checked="" type="checkbox"/> Assignment revision |
| <input type="checkbox"/> Budgetary reallocation | <input type="checkbox"/> Change in teaching approach | <input type="checkbox"/> Course content revision |
| <input type="checkbox"/> Curricular Revision | <input type="checkbox"/> Faculty training/development | <input type="checkbox"/> Process revision |

Recommendations, Proposals, and/or Funding Requests	Budget Needed
<p>Linux Essentials serves a diverse population of students in all the CIS concentrations. The emphasis of the course is introductory to the agreed upon learning domains specified by the certification agencies.</p> <p>Click or tap here to enter text.</p>	0

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.)
3	Upgraded infrastructure in remodeled SB and new project assignments provide new learning opportunities

Graduate Learning Outcomes to Be Assessed	Years in which Assessment Is Planned	Population/Courses to Be Assessed	Planned Assessment Approach
Certificate Learning Domains	Every year	CIS 1680	Certificate Exam
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