

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>Paul Clark</u> Contact Person	<u>paulc@cnm.edu</u> CNM Email	<u>50034</u> CNM Office Extension

Subject of this Report
BIT--CWEBP_CERT--CIS Web Programming Certificate

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 .)
Total of 4 Web Programming Certificates awarded. The concentration was renamed from Web Technology to Web Programming in 2016.

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 1730, CIS 1750, CIS 2763	Use programming to extend the functionality and control look and layout of content management systems	80%	80%	Target met

Summary of Assessment Findings
Most students complete the assigned projects

Interpretation of Assessment Findings
May upgrade the projects to include more detail, more difficult tasks.

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.)
Revise projects to require more student critical thinking

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 checked="" type="checkbox"/> Course content revision |
| <input checked="" type="checkbox"/> Curricular Revision | <input type="checkbox"/> Faculty training/development | <input type="checkbox"/> Process revision |

Recommendations, Proposals, and/or Funding Requests	Budget Needed
Web literacy entry level of students appears to have increased. Students enter the classes with more skill and information than in past.	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.)
2016-2022	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
Describe the operating system, web server, programming, database, HTML, CSS, and web browser technology	2019	CIS 1715	Project Assessment
Use a CMS to publish documents and manage a website	2020	CIS 1713	Project Assessment
Use programming to extend the functionality and control look and layout of content management systems	2021	CIS 1730, CIS 1750, CIS 2763	Project Assessment