

**Eastern West Virginia Community and Technical College
COURSE ASSESSMENT REPORT (Blackboard Data)**

Course Title and Number: Database Management Software CIS 121	Academic Term and Year of Assessment Activity (Ex: Fall, 2014) Spring 2020
Report Submitted By: Seyed Mirkhani	Number of Students Assessed: 9
Date Report Submitted: 12/09/2020	Number of Sections Included: 1
Course Delivery Format (list all modalities used in sections assessed. Ex: web based, VDL, traditional section, hybrid course, etc.): Face-to-face for the first seven weeks and online for nine weeks due to Covid19	

Course Role in the Curriculum
Provide a description of the role the course serves in the curriculum (i.e. general education requirement, program technical core, restricted elective, etc.). Note all as appropriate.
Database Management Software is a required course for the AAS in Administrative Support Technology, AAS in Information Technology, and CAS in Computer Applications Specialist. This course also serves as an elective for AAS in Business Management, CAS in Business Management, CAS in Information Technology and CAS in Administrative Support Technology.

Previous Assessment Reports and Results
Date of Previous Assessment: Spring 2011
<u>Describe the successful elements of the previous report's action plan below.</u>
Refer to any unmet Learning Outcomes in the Action Plan section, following. If appending pages, include notation in box to "See attached".
The course outcomes were changed since this course was assessed in 2011.

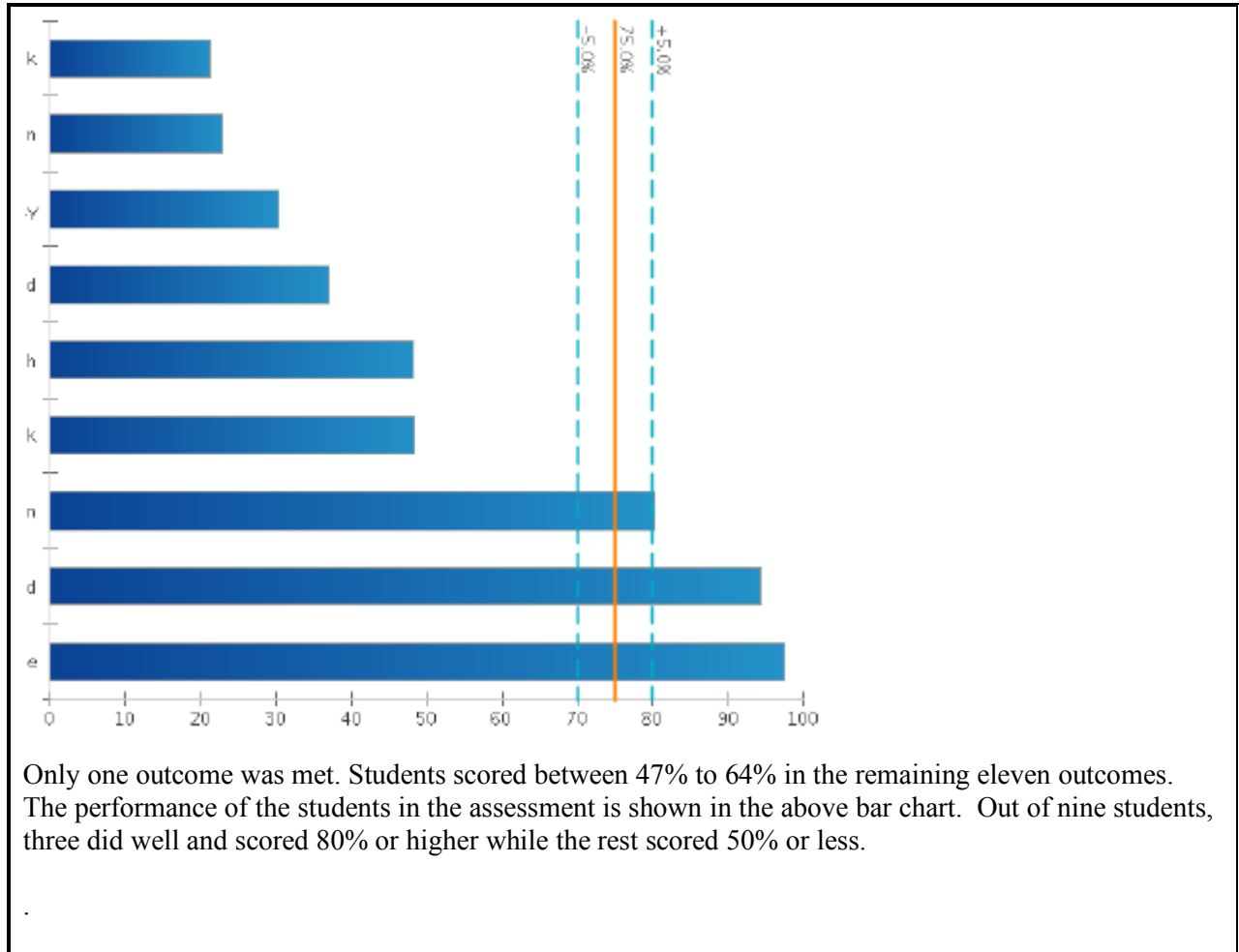
Assessment Methods
Provide a description of the assessment process used. Include description of instrument and performance standards in description. Note all methods.
<ul style="list-style-type: none"> • Multiple choice questions from chapters covering the outcomes • End of the chapter assignments • Comprehensive exam consisting multiple choice questions



Assessment Results: Course Overview

Detail by Goal		Overall Average	Assignments	Tests	Questions
Performance Average Below 70.0%		Average by Type (Count)			
CIS 121 Goals					
01. Create tables		47.2%	72.5% (4)	56.4% (6)	47.8% (134)
02. Create queries		47.4%	70.6% (4)	52.6% (8)	47.9% (104)
03. Create forms		48.9%	87.2% (4)	51.4% (8)	47.8% (38)
04. Create reports		58.0%	87.2% (4)	51.4% (8)	60.1% (37)
05. Modify a database structure		55.7%	72.5% (4)	52.3% (12)	57.7% (174)
06. Create multiple table queries		53.8%	80.5% (4)	50.9% (4)	53.7% (3)
07. Develop forms and sub-forms		50.0%	48.9% (4)	54.4% (1)	
08. Build complex reports		63.3%	83.3% (2)		
09. Share access information		75.6%	75.6% (1)		
10. Create data access pages		61.1%	61.1% (1)		
11. Create advanced forms and reports		61.7%	61.7% (1)		
12. Manage object		63.9%	63.9% (1)		

Assessment Results: Detail by Goal



* Please note if using a different minimum performance standard.

Conclusions

Provide a brief summary of conclusions derived based on analysis of data. Append additional pages if necessary. If appending, include notation in box to “See attached”.

Out of four computer applications which include Access, Excel, Word, and PowerPoint, Microsoft Access is considered the most challenging subject. It is not unusual for students to struggle in this challenging subject. In the past ten years, the college never offered Database Management Software as a web course as many students struggle to do well. However, in spring 2020, this course was converted from face-to-face to an online course due to Covid19.

Further review of the course and the students' performance indicated that three of the students who scored lowest in this course are on academic suspension due to poor performance in all of their courses. This concentration of the struggling students contributed to the poor performance in this course.

Action Plan and Date for Reassessment
Identify action plan for improvement or maintaining current performance levels including outcomes identified for re-assessment, curriculum revision, LOT proposal, new or revised course activities to reinforce learning outcomes, etc. Append additional pages if necessary. If appending, include notation in box to "See attached".
<ul style="list-style-type: none">• Offer this course as a traditional face-to-face to allow struggling students to have more in-class activities rather than offering the course in online format.• Review the course materials and adopt a new textbook if necessary.• Implement Mind Tap to help students understand material better• Coordinate with other instructors teaching computer applications to prepare students before taking this course.• If necessary, reduce the volume of materials covered in this course. This allows students to focus on important subjects related to database management.
Date for reassessment: Spring 2022

Assessment Committee Recommendation/Approval (To be posted by Assessment Committee Chair)
<input checked="" type="checkbox"/> Approved as presented <input type="checkbox"/> Approved with recommendations for future reports (Explanation Required) <input type="checkbox"/> Resubmission Required. Reason for Resubmission: Date: 12/15/2020