

**Eastern West Virginia Community and Technical College  
COURSE ASSESSMENT REPORT**

<b>Course Title and Number:</b> Introduction to Geographic Information Systems and Data Collection-BET 160	<b>Academic Term and Year of Assessment Activity (Ex: Fall, 2014)</b> <b>Spring 2019</b>
<b>Report Submitted By:</b> Bruce McClelland	<b>Number of Students Assessed:</b> 4
<b>Date Report Submitted:</b> 8/23/2019	<b>Number of Sections Included:</b> 1
<b>Course Delivery Format (list all modalities used in sections assessed. Ex: web based, VDL, traditional section, hybrid course, etc.):</b> Traditional	

<b>Course Role in the Curriculum</b>
<b>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.</b>
<b>This is the Landmark course for the Biological and Environmental Technical Program</b>

<b>Previous Assessment Reports and Results</b>
<b>Date of Previous Assessment:</b>
<b>List of Outcomes Not Met:</b> See below
<b>Summary of Actions Taken to Address Unmet Learning Outcomes:</b> Append additional pages if necessary. If appending, include notation in box to "See attached".
<b>NONE</b>

<b>Assessment Methods</b>
<b>Provide a description of the assessment process used. Include description of instrument and performance standards in description. Note all methods.</b>
Final Exam Final Project In Class Assessments Article Review Job Postings Quizzes

\* Please note if using a different minimum performance standard.

<b>Assessment Results</b>			
<b>Provide a summary of results including tables/charts. Incorporate information from previous assessments as appropriate. Append additional pages if necessary. If appending, include notation in box to “See attached”.</b>			
<b>Outcomes</b>	<b>Assessments</b>	<b>Class Averages</b>	<b>Overall Averages</b>
1. Terminology, functions, components of GIS	Mid term	78	76.5
	Final Exams	75	
	In-Class	94	
2. Basic Operations	Final Projects	75	84.5
3. HUD, feature attribution, calculations	In-Class	94	94
4. Build and execute queries	In-Class	94	94
	Article		
	Reviews	93	
5. GPS/GIS in various professional fields	Job Reviews	97	95

**Conclusion**

**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”.**

All Learning Outcomes are above the 75% threshold, although Learning Outcome 1 needs improvement.

**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”.**

To improve on Learning Outcome 1, encourage students to understand that the final exam and final project are important to the overall grade and they need to attend to take the Final Exam. Attendance did influence the outcome of this outcome. Preparation quizzes and study guides will help students be better steered in the right direction and have a better understanding on how exams are formatted.

**Date for reassessment: Spring 2021**

**Assessment Committee Recommendation/Approval  
(To be posted by Assessment Committee Chair)**

- Approved as presented
- Approved with recommendations for future reports (Explanation Required)
- Resubmission Required. Reason for Resubmission:

**Date: 1/24/2020**