

Program Assessment Report

15/16 Program Assessment Report BIOS

| | Program outcome 1: Students will demonstrate competence in standard laboratory techniques and use of technology and equipment. | Program outcome 2: Students will demonstrate the ability to research and communicate (visually, orally and in writing) credible scientific information from a variety of sources. | Program outcome 3: Students will collect, analyze and interpret data using the scientific method. | Program outcome 4: Students will calculate, analyze, solve, interpret, and graph quantitative data. | Comments |
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| Course: BIOS 1010 Assessment: Lab Final Exam Benchmark: C or Higher Faculty: Levitt/Elderbrock | 100% of Students met the benchmark. 18 Students | | | | All of the first year students managed to pass their final lab exam with a C or higher. I think the reason this number is so high is because students who are clearly struggling early in the semester dropped the course before making it to the final lab exam. |
| Course: BIOS 2410 Assessment: Selected portions of Scientific Term Paper Benchmark: C or higher Faculty: Levitt | | 83.3% of Students met benchmark. 18 Students | | | I would have expected closer to 100% of students would have met this benchmark since this is the paper is the final write up of the semester long project. |
| Course: BIOS 2410 Assessment: Selected portions of Scientific Term Paper Benchmark: C or Higher Faculty: Levitt | | | 83.3% of Students met benchmark. 18 Students | | This could have been closer to 100% however the lower overall grade in this section were due to attendance/not being present to initially collect the data which leads to lower grades on analysis and interpretation as well. |
| Course: BIOS 2550 Assessment: Benchmark: C or higher Faculty: Urban | | | | 89% of Students met benchmark. 9 Students | Due to a change in the instructor of the course a different assignment was used this year compared with last year. This assignment still covers the program outcome. I would have expected by this point in the program for this number to be 100%. However, the lower number is reflective of incompleteness of assignment. |