

INDIRECT ASSESSMENT REPORT
2019 – 2021

BARTON COMMUNITY COLLEGE

Graduation Survey

The graduate survey questions students about their academic preparation at Barton, focusing on general education coursework completed as part of an associate degree. This gives Barton an indirect measure of student learning outcomes as part of institutional assessment.

Current survey questions appear below:

On a scale of 1 to 5, with 1 being very well prepared and 5 being very poorly prepared, please indicate how well your classroom experiences at Barton prepared you in the following areas.

These are completed using an online survey tool, but the questions remain the same:

___ Written Communication: courses in which you were required to express yourself in writing

___ Language Arts: courses in which you gave presentations, speeches, used foreign languages, or discussed literature

___ Math: courses in which you studied or applied math-related concepts

___ Social & Behavioral Sciences: courses in which you learned about human and societal behavior

___ Natural Science: courses in which you learned about properties of the natural world

___ Fine Arts: courses in which you were exposed to art, music, theater, or dance

___ Philosophy/History/Religion: courses in which you learned about or discussed philosophical, historical, or religious topics

___ Economics/Political Science: courses in which you learned about or discussed economics or politics

___ Developmental: courses in which you studied or applied developmental math, reading, or English concepts

___ Physical Education, Health & Performance: courses in which you learned about or applied fitness-related concepts or participated in performance-based activities

___ Reading Skills: (Comprehension, ability to critically analyze written materials)

___ Computer Proficiency: (Utilizing computer technology to process information)

___ Critical Thinking: (Gathering facts, generating insights, analyzing data, evaluating information)

Results:

Category/Mean Score*	2019	2020	2021
Written Communication	1.50	1.45	1.62
Language Arts	1.49	1.55	1.67
Math	1.60	1.56	1.66
Social & Behavioral Sciences	1.47	1.52	1.61
Natural Science	1.61	1.65	1.71
Fine Arts	1.46	1.63	1.71
Philosophy/History/Religion	1.54	1.59	1.71
Economics/Political Science	1.60	1.50	1.90
Developmental	1.54	1.32	1.62
PE, Health & Performance	1.48	1.30	1.66
Reading Skills	1.47	1.42	1.59
Computer Proficiency	1.53	1.57	1.71
Critical Thinking	1.48	1.42	1.61

* *The more students were prepared in each category, the lower the mean value*

Comments:

- Comparing 2021 with 2020, there was a statistically significant increase in values in 2021, but there was no statistical difference between categories
- The mean score for the math category decreased overall at a significant rate from its 2018 mean score of 1.83, showing a shift has occurred where students feel more prepared than in previous years
- The economics/political science category had an outlier year in 2021, with a mean score of 1.90, which will need to be checked in 2022
- Overall, PE, health & performance had the overall lowest mean score of 1.51 showing students felt they were well prepared

Conclusion:

- As all categories are successfully below the 2.00 benchmark, it is recommended to continue to monitor the results