

Review of General Education Results by Student Placement

Overview

During fall 2014 and spring 2015 semesters, faculty teaching courses in the social & behavioral, and natural sciences assessed student learning in selected General Education competencies. Each instructor teaching a course being assessed used a signature assignment identified for general education and evaluated the student work using college wide rubrics.

About the rating scale

Each competency was rated on a four-point scale defined as 1) not evident, 2) novice, 3) proficient, or 4) advanced.

Number of Students Included in Each Competency

(see last page for list of courses)

	Reading		Math	
	Not at College Level	At College Level	Not at College Level	At College Level
Critical Analysis and Reasoning	2314	3168	3878	1785
Information Literacy	2261	3080	3810	1709
Quantitative Reasoning	459	720	813	417
Scientific Reasoning	1592	2038	2537	1254
Technological Competency	2213	3044	3733	1700
Written Communication	1302	2004	2372	1015

Analytical Approach to Report

This report examines student General Education results by their initial Accuplacer results in reading and math. Each chart shows the percentage students who were rated as “proficient or advanced” within each placement category. For example, with critical analysis and reasoning (Chart A), 69% of the students who initially were not placed at a college reading level received a rating of “proficient or advanced.”

Summary of Findings

- Students who placed as college ready in reading and math received higher ratings in all competencies.
- Although students who placed as college ready received higher ratings in all competencies, the differences between the groups were small between the two groups, especially in the technology competency.

Examination of Student Results by Reading Placement

- Ratings for students who did not place at college reading level were consistently lower across all competencies (Chart A).
- With 100 level courses, the difference between the two groups was smallest with the technological competency and quantitative reasoning, and largest with written communication. (Chart B).
- In 200 level courses, the difference was smallest with quantitative reasoning and largest with scientific reasoning (Chart C).

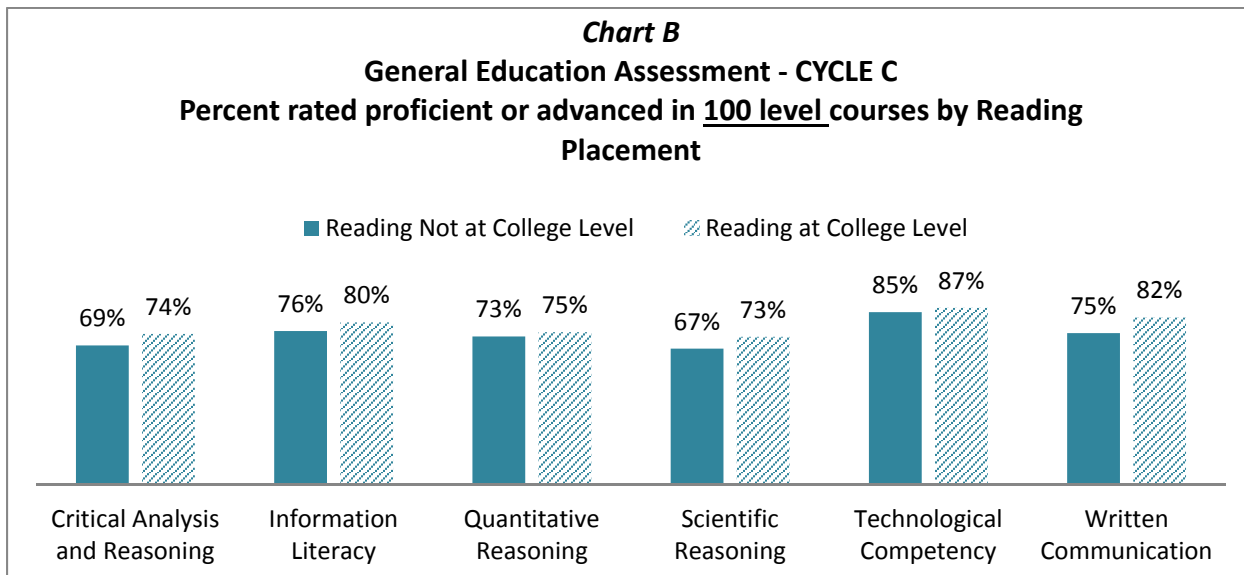
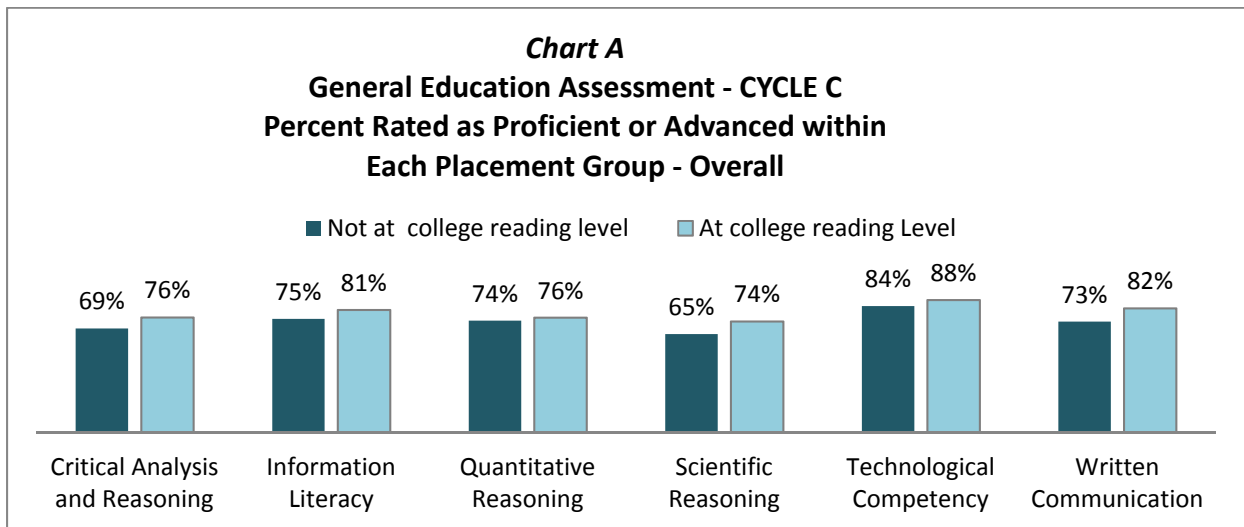
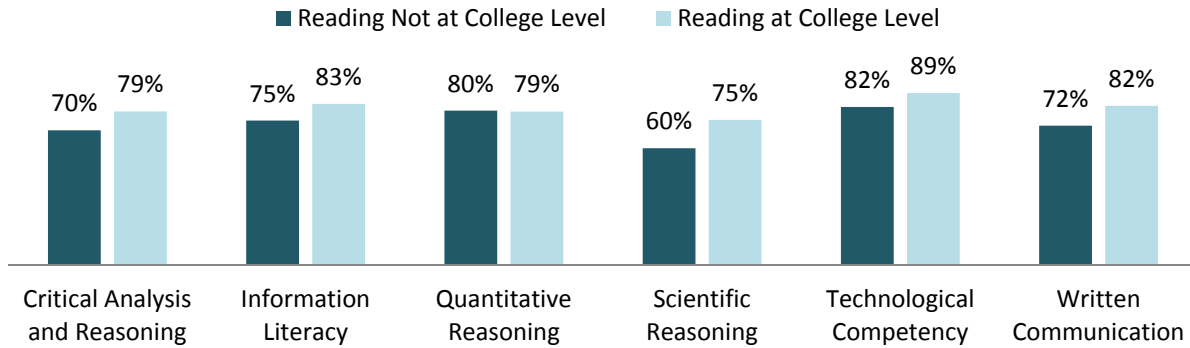


Chart C
General Education Assessment - Cycle C
Percent rated proficient or advanced in 200 level courses by Reading Placement



Examination of Student Results by Math Placement

- Overall, the smallest and largest differences in student ratings occurred with the technological competency and written communication, respectively. (Chart D)
- With 100 level courses, differences were once again minimal with technology, and largest with critical analysis and reasoning. (Chart E)
- Similar to 100 level courses, in 200 level courses the differences were once again minimal with technology, but largest with scientific reasoning. (Chart F)

Chart D
General Education Assessment - Cycle C
Percent rated proficient or advanced by Math Placement

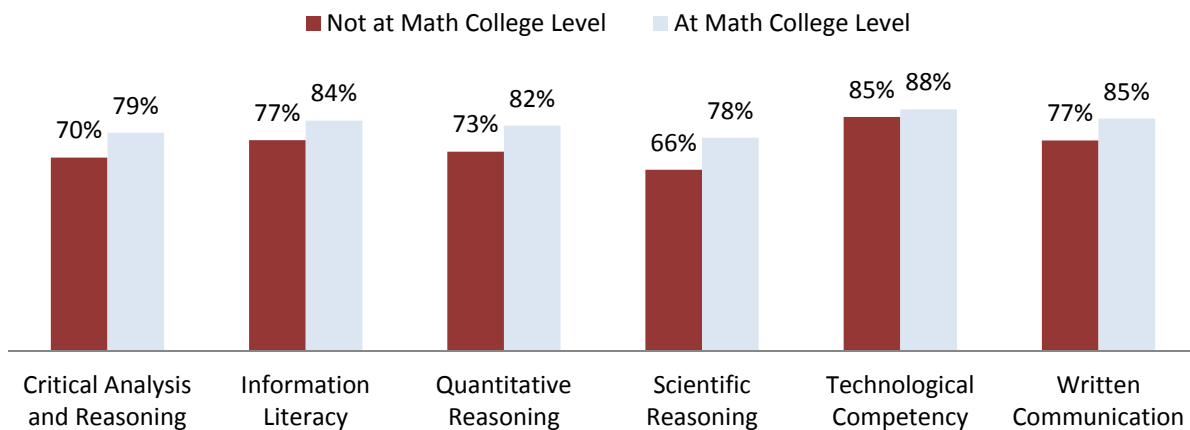


Chart E
General Education Assessment - Cycle C
Percent rated proficient or advanced in 100 level courses by Math Placement

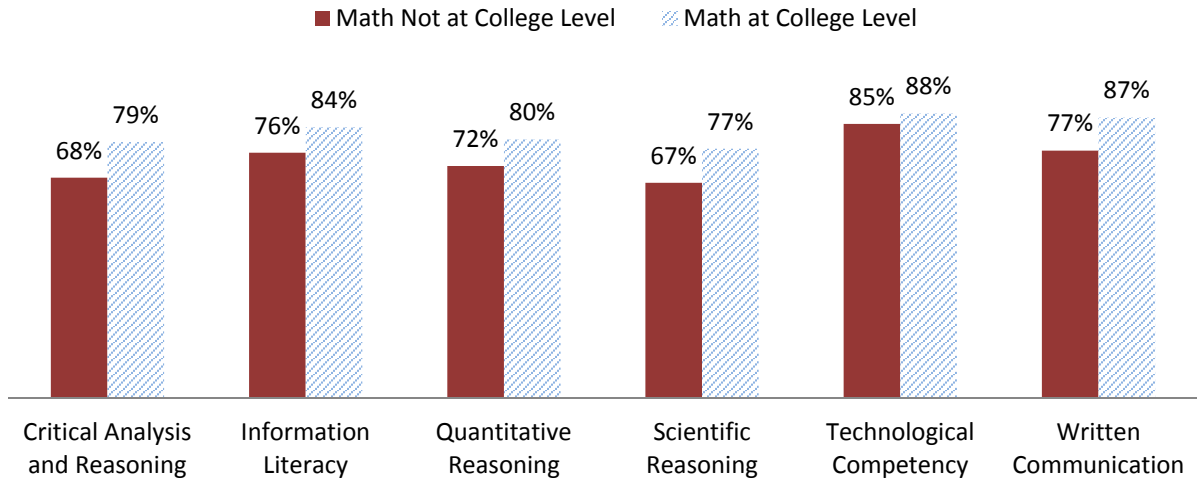
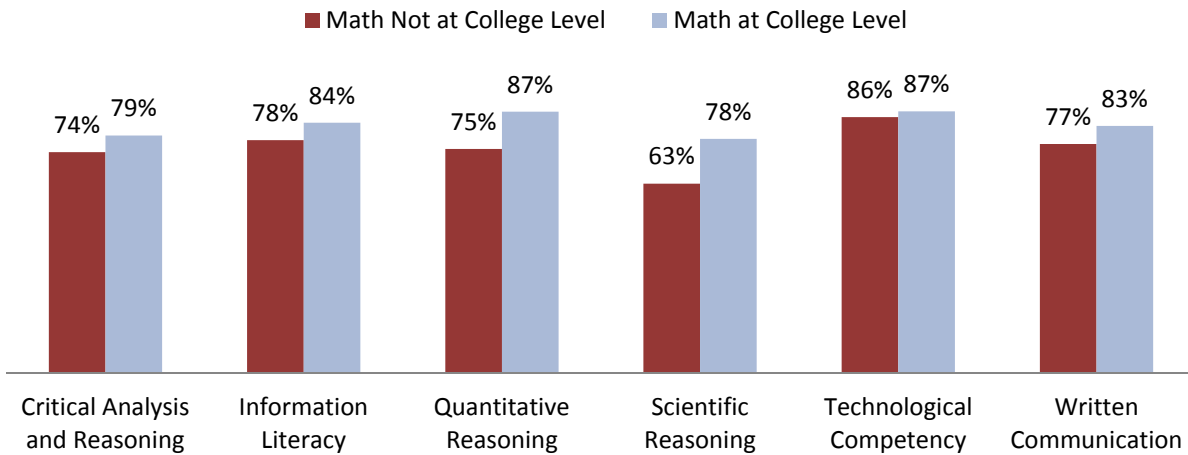


Chart F
General Education Assessment - CYCLE C
Percent rated proficient or advanced in 200 level courses by Math Placement



List of courses and competencies

	Critical Analysis and Reasoning	Information Literacy	Quantitative Reasoning	Scientific Reasoning	Technological Competency	Written Communication
ANTH201	X	X			X	X
ANTH215	X	X	X	X	X	X
ANTH256	X	X			X	X
AOSC100	X	X	X	X	X	X
AOSC105	X	X		X	X	X
ASLP121	X	X				X
ASTR101	X	X		X	X	
BIOL101	X	X	X	X	X	X
BIOL105	X	X		X	X	X
BIOL108	X	X	X	X	X	
BIOL111	X	X	X	X	X	X
BIOL114	X	X	X	X	X	X
BIOL130	X	X		X	X	X
BIOL150	X	X	X	X	X	X
BIOL151	X	X		X	X	
BIOL212	X	X		X	X	X
BIOL213	X	X		X	X	X
BIOL217	X	X		X	X	
CCJS110	X	X			X	X
CHEM109	X	X	X	X	X	X
CHEM109L	X	X	X	X	X	X
CHEM115	X	X		X	X	X
CHEM131	X	X		X	X	X
CHEM132	X	X	X	X	X	X
CHEM150	X	X	X	X	X	
ECON103	X	X	X	X	X	X
ECON105	X	X			X	X
ECON201	X	X			X	X
ECON202	X	X			X	X
ENES100	X	X		X	X	X
GEOG130	X	X			X	X
GEOL101	X	X	X	X	X	X
GEOL102	X	X	X	X	X	
<i>HIST117</i>	X	X			X	X

List of courses and competencies

	Critical Analysis and Reasoning	Information Literacy	Quantitative Reasoning	Scientific Reasoning	Technological Competency	Written Communication
HIST190	X	X			X	X
HIST200	X	X			X	X
HIST201	X	X			X	X
HIST236	X	X			X	X
HIST252	X	X			X	X
HIST255	X	X			X	X
NUTR101	X	X		X	X	X
PHYS105	X	X		X	X	
PHYS110	X	X	X	X	X	X
PHYS161	X	X	X	X	X	X
PHYS203	X	X	X	X	X	X
PHYS204	X	X	X	X	X	X
PHYS262	X	X	X	X	X	X
PHYS263	X	X	X	X	X	X
POLI101	X	X			X	X
POLI105	X	X	X	X	X	X
POLI203	X	X	X	X	X	X
POLI206	X	X	X	X	X	X
POLI211	X	X		X	X	X
POLI221	X	X	X	X	X	X
POLI256	X	X			X	X
PSCI101	X	X	X	X	X	X
PSCI102	X	X	X	X	X	X
PSYC102	X	X	X	X	X	X
SOCY100	X	X	X	X	X	X
SOCY105	X	X	X	X	X	X
SOCY208	X	X			X	X
SOCY214	X	X			X	X
SOCY233	X	X			X	X
SOCY240	X	X			X	X
SOCY243	X	X	X	X	X	X

**History re-assessed in 2014-15.*