

**Report of Student Learning and Achievement  
Concordia University Irvine  
School of Arts and Sciences – Core Program**

For Academic Year: 2018-2019

School of Arts and Sciences Mission
Core Program Purpose
<p>The <b>School of Arts and Sciences</b> strives to educate its students within the multi-faceted context of the liberal arts. Firmly rooted in the Christian tradition of Concordia University, the School confidently and freely explores both the riches of the past and the knowledge of today. The School cultivates within all students a disciplined and coherent worldview to prepare them to be active and effective leaders in today’s world.</p>

Student Learning Assessment for Core Program
Program Learning Outcomes (PLOs)
1. Students describe and analyze texts from a variety of academic disciplines.
2. Students compose focused and coherent written content; organize and logically develop their ideas; find, analyze and integrate appropriate sources; and demonstrate facility in discipline or genre-specific conventions of writing.
3. Students make verbal presentations in which they articulate a central message, organize main ideas, integrate appropriate supporting information, employ language appropriate for the topic and audience, and utilize delivery techniques that enhance the presentation.
4. Students explain a problem, articulate a (hypo)thesis, investigate using appropriate sources, analyze the information, and craft logical conclusions and creative solutions to the problem.
5. Students demonstrate understanding of quantitative facts and concepts, perform calculations successfully, and apply problem-solving strategies to analyze quantitative data and to draw appropriate conclusions.
6. Students describe the contents and contexts of the Bible, Christianity’s major teachings, and how the Christian faith connects to academic disciplines; and have many opportunities to receive instruction in the Christian faith.
7. Students serve society in ethical and merciful ways, examining benefits gained and challenges encountered; and Christian students have many opportunities to serve the church.

8. Students explain how political and economic systems have influenced citizenship in the United States and the world; interact effectively and ethically with people of various cultural/global contexts; engage with and analyze the arts; articulate how the culture of scientific knowledge relates to other disciplines; and describe healthy lifestyles.

<b>Assessment Overview for Core Program</b>			
<b>2018-19 PLO Assessed</b>	<b>Evidence and Assessment Instrument</b>	<b>Performance Objectives (Targets/Criteria) Measures:</b>	<b>Results 2018-19 for Measures of Student Learning:</b>
Quantitative Reasoning	CMTH 101: Expected Values Problem	70% of students average 3 or higher on the QR Rubric.	Percentage of students meeting or exceeding expectations according to set criteria: Interpretation: 71% Application/Analysis: 63% Assumptions: 78% Communication: 56%

### Assessment Results for Core Program

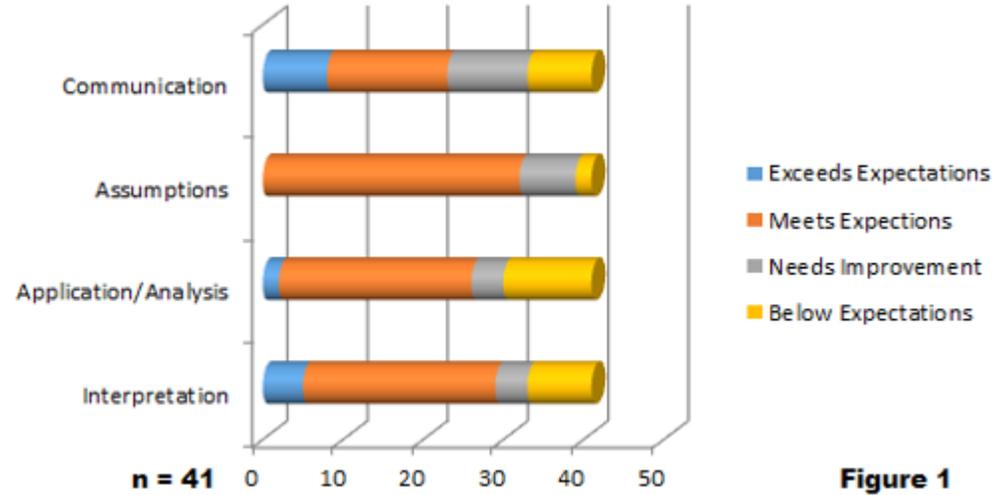


Figure 1

**Summary of Achievement of Program Learning Outcomes**

2018-2019 Core	Student Evidence: CMTH 101: Expected Values Problem	Student Evidence:
Criterion Measured	Performance Target Was...	Performance Target Was...
1. Interpretation	Met	
2. Application/Analysis	Not Met	
3. Assumptions	Met	
4. Communication	Not Met	

**Proposed Course of Action for Improvement in Learning Outcomes**

The results of this assessment of the QR Rubric and student levels of understanding are generally positive. The rubric’s reliability and correlations show that the tool worked well for the Q&I Core Math students and the estimation question asked.

The results regarding the student levels of QR understanding reflect a moderately high level based on the random samples selected and the assessment from faculty. Each of the four factors assessed showed at least 56% of the students meeting or exceeding that area. Only 5 of the 41 students failed to meet expectations in any of the four assessed QR areas.

Continued work in the Q&I Core Math classes focusing on QR understanding and communication is necessary as well as further assessment throughout the student CUI career.