

Survey: Impact of College Algebra Project (CAP)

STEM Recruitment, Retention, and Graduation (STEM-RRG)
 Department of Engineering, Mathematics, and Physics
 Spring 2009- Spring 2010

Use the scale provided for each of the following six categories in completing this survey.

*I. Indicate the value of each activity in **increasing your understanding** of Mathematics.*

	Very Valuable	Valuable	Somewhat Valuable	Not Valuable	Did Not Participate
1. Homework	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. Additional resources provided by the University Learning Center (ULC) for help with homework	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. In-class tutoring	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. Supplemental Instruction (SI) sessions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5. ALEKS or MyMathLab	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6. Projects / Journals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

*II. Describe the extent of the **gains** you made in each of the following as a result of this class.*

	A Great Deal	A Lot	Some what	A Little	Not At All
1. Understanding how mathematics concepts relate to concepts in my other science classes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. Understanding the relevance of mathematics to the real world	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. Confidence in my ability to use mathematics concepts	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

III. Indicate how well you think you now understand each of the following as a result of this class.

	A Great Deal	A Lot	Some what	A Little	Not At All
1. The structure of a mathematical expression	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. The relationship of mathematics with other disciplines	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. The model of mathematics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. The operations and properties of polynomials	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

IV. Indicate your **level of agreement** with the following statements.

	Strongly Agree	Agree	Disagree	Strongly Disagree
1. In this class, I learned about careers that use mathematics.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. This class increased my interest in taking more mathematics classes.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. This class helped me see how mathematics is used in my chosen career.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. This class helped me have enough understanding to use mathematics in my other classes.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5. Understanding mathematics is important to my success in my major.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6. If I devote enough effort, I can understand what is taught in mathematics classes.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7. I will be satisfied with my performance if I can just pass this class.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8. Having homework online was helpful to me.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

V. For each of the following statements, indicate your **level of agreement** about how your participation in activities of the college algebra course has impacted your academic life.

	Strongly Agree	Agree	Disagree	Strongly Disagree
1. My interest level in my major field has increased because of my participation in activities of the college algebra course.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. My understanding of the content in my major field has increased because of my participation in activities of the college algebra course.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. My participation in activities of the college algebra course increased my interest in doing research.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. My participation in activities of the college algebra course increased my confidence in my choice of major.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5. My activities of the college algebra course experiences provided more information that will help me in my career choice.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6. I am more interested in pursuing a graduate degree (Master's and/or PhD) because of my participation in activities of the college algebra course.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

VI. Indicate your **level of agreement** with the following statements.

	Strongly Agree	Agree	Disagree	Strongly Disagree
1. I plan to complete a degree in Science, Technology Engineering, or Mathematics (STEM).	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. I am excited about a career in STEM.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>