

**Appendix III  
Columbus State University Comprehensive Program Review Evaluation for the  
(Department of Mathematics)**

**Quality Indicators**

	<b>Rating Category</b>		<b>Observations</b>
<b>II. Summary Findings of Program's Overall Quality</b>			
Self-Study	<input type="text"/>		
Review Team	<input type="text" value="Above Average"/>	Review Team Observations:	<u>Strong link between outcomes and curriculum; performance on assessment exams; undergrad research; degree tracks; growing numbers of students</u>
CPR Committee	<input type="text"/>	CPR Committee Observations:	<u>_____</u>
<b>II A. The Quality of Teaching Supporting the Program</b>			
Self-Study	<input type="text"/>		
Review Team	<input type="text" value="Above Average"/>	Review Team Observations:	<u>Highly qualified faculty; involvement in undergrad research, internships and student clubs; involvement by faculty outside of class verified by positive students Students stated that quality of instruction varies by instructor but overall it is very good.</u>
CPR Committee	<input type="text"/>	CPR Committee Observations:	<u>_____</u>
<b>II B. The Quality of the Curriculum Supporting the Program</b>			
Self-Study	<input type="text"/>		
Review Team	<input type="text" value="Satisfactory"/>	Review Team Observations:	<u>Strong link beteen program outcomes and curriculum; several degree tracks</u>
CPR Committee	<input type="text"/>	CPR Committee Observations:	<u>_____</u>
<b>II C. Selectivity, Academic Achievement, and Satisfaction of Students in the Program</b>			
Self-Study	<input type="text"/>		
Review Team	<input type="text" value="Above Average"/>	Review Team Observations:	<u>Good pass rates on assessment exams, placement of graduates in employment and graduate school; high GPA of majors; too few students to judge retention in the major; positive student comments on exit interviews</u>
CPR Committee	<input type="text"/>	CPR Committee Observations:	<u>_____</u>
<b>II D. The Quality of Faculty Supporting the Program</b>			
Self-Study	<input type="text"/>		
Review Team	<input type="text" value="Above Average"/>	Review Team Observations:	<u>High quality faculty, multiple faculty to cover most courses; dept. travel budget could be increased to encourage more faculty development; reduction in dependence on part-time faculty</u>
CPR Committee	<input type="text"/>	CPR Committee Observations:	<u>_____</u>
<b>II E. The Quality of Facilities and Equipment Supporting the Program</b>			
Self-Study	<input type="text"/>		

Review Team  Review Team Observations: Improving with move to Fine Arts Building; computer lab needs improvement - additional projector and screen; the faculty-student lounge ("Fish Bowl") provides excellent opportunities for interactions and is highly used by students.

CPR Committee  CPR Committee Observations: \_\_\_\_\_

**II F. The Quality of Research and Scholarship Supporting the Program**

Self-Study

Review Team  Review Team Observations: Recent hires' productivity exceeds expectations based on the standard teaching load; faculty have also been successful in undergrad research projects, honors projects and special topics courses; faculty need support for continued research and scholarship.

CPR Committee  CPR Committee Observations: \_\_\_\_\_

**II G. The Quality of Service Supporting the Program**

Self-Study

Review Team  Review Team Observations: Math placement should benefit all students in the univ.; many contributions by faculty to support K-12 education

CPR Committee  CPR Committee Observations: \_\_\_\_\_

**II H. Program Honors & Awards**

Self-Study

Review Team  Review Team Observations: Not many awards and recognitions are available for math programs; the MAA offers only those to the top program in the country. The dept. has an accredited teacher certification program (1 of 6 4-yr. degrees in the USG)

CPR Committee  CPR Committee Observations: \_\_\_\_\_

**II I. Exceptional Achievements & Honors of the Program's Students, Graduates, & Faculty**

Self-Study

Review Team  Review Team Observations: Top awards for two faculty members; if awards are offered on campus, make sure to nominate dept. members

CPR Committee  CPR Committee Observations: \_\_\_\_\_

**II J. General Success of the Program's Graduates**

Self-Study

Review Team  Review Team Observations: High pass rates of graduates on teacher certification exams and actuarial exams; good job placement and graduate school acceptance

CPR Committee  CPR Committee Observations: \_\_\_\_\_

**II K. Stakeholder Satisfaction with the Program**

Self-Study

Review Team

Review Team Observations: Responds well to input from senior/graduate surveys; positive responses from alumni and Advisory Board

CPR Committee

CPR Committee Observations: \_\_\_\_\_

**II L. Program's Responsiveness to Change & Improvement**

Self-Study

Review Team

Review Team Observations: Developed two degree tracks and a minor based on feedback; made other curriculum changes based on feedback; this was verified by students in open forum

CPR Committee

CPR Committee Observations: \_\_\_\_\_

**Productivity Indicators**

**Rating Category**

**Observations**

**III. Summary Findings of Program's Overall Productivity**

Self-Study

Review Team

Review Team Observations: Rising numbers of majors/graduates (as a percentage of univ. enrollment), low-cost of programs; dept. provides a large amount of credit hour production through service courses for other majors and the core.

CPR Committee

CPR Committee Observations: \_\_\_\_\_

**III A. Enrollment of Students in Program**

Self-Study

Review Team

Review Team Observations: Numbers of majors are nearing 100 and appear to be growing; emphasis on teacher education and actuarial sciences should also assist in building up the number of majors; good when compared to other programs at similar institutions.

CPR Committee

CPR Committee Observations: \_\_\_\_\_

**III B. Annual Degree Productivity of the Program**

Self-Study

Review Team

Review Team Observations: Graduate numbers should grow with the number of majors and through improved advisement.

CPR Committee

CPR Committee Observations: \_\_\_\_\_

**III C. Program Completion Efficiency & Graduation Rate**

Self-Study

Review Team

Review Team Observations: Small numbers make it difficult to judge; weak cohorts of students as freshmen; clearly, most of these students were not prepared to complete a math degree. (Good plan to talk to these students early.)

CPR Committee

CPR Committee Observations: \_\_\_\_\_

**III D. Efficiency & Clarity of Program's Course Requirements**

Self-Study

Review Team

Review Team Observations: Math degrees are difficult to traverse due to the necessary pre-requisite material; CSU's flowcharts show that degrees can be completed in 4 years. (Alternate semesters of 5111 & 5151 good.); reacting to suggestions from students is also a plus.

CPR Committee

CPR Committee Observations: \_\_\_\_\_

**III E. Frequency & Sequencing of Course Offerings Required for Program Completion**

Self-Study

Review Team

Review Team Observations: Until there are more majors, the current rotation is adequate. Changes in course sequencing made to help students in successfully progressing through program in a timely manner.

CPR Committee

CPR Committee Observations: \_\_\_\_\_

**III F. Enrollment in the Program's Required Courses**

Self-Study

Review Team

Review Team Observations: Recent growth of majors shows that this category will soon be judged as "Above Average". Will likely need to run multiple sections of some upper level courses; don't want too many students in these classes.

CPR Committee

CPR Committee Observations: \_\_\_\_\_

**III G. Diversity of Program's Majors & Graduates**

Self-Study

Review Team

Review Team Observations: Numbers are below university averages; college should develop plan to recruit minorities; doing well w/ respect to females; need to be more nurturing to struggling students; could apply for grants to provide scholarships to minority students.

CPR Committee

CPR Committee Observations: \_\_\_\_\_

**III H. Cost-Effectiveness of Instructional Delivery in the Program's Home Department**

Self-Study

Review Team

Review Team Observations: Cost has increased slightly over past 3 years due to faculty salary adjustments, the hiring of senior faculty, and reassigned duties.

CPR Committee

CPR Committee Observations: \_\_\_\_\_

**III I. Program's Responsiveness to State Needs & Employer Demand for Program Graduates**

Self-Study

Review Team  Review Team Observations: With the high demand for math teachers, it will be hard for any school to meet the needs of the state; CSU Math Dept. is commended for keeping 4-yr. certification an option.

CPR Committee  CPR Committee Observations: \_\_\_\_\_

**III J. Position of the Program's Annual Degree Productivity among Comparable USG Programs**

Self-Study

Review Team  Review Team Observations: CSU numbers are at the median of other similar institutions around the state. Number of graduates will likely grow with the increased number of majors.

CPR Committee  CPR Committee Observations: \_\_\_\_\_

**III K. This Program's Contribution to Achieving CSU's Mission**

Self-Study

Review Team  Review Team Observations: Production of math teachers for K-12. Emphasis on undergrad research; support of K-12 community

CPR Committee  CPR Committee Observations: \_\_\_\_\_

**Rating Category**

**Observations**

**IV. Conclusion about the Program's Viability at CSU**

Self-Study

Review Team  Review Team Observations: Increasing number of majors, engagement of students, service to the univ. and K-12 communities; responsive to changes as needed.

CPR Committee  CPR Committee Observations: \_\_\_\_\_

**V. Program Improvement Plan**

Self-Study

Review Team  Review Team Observations: Solid plan; dealing with problems found in most undergrad math degree programs in the USG; scholarship funds would be useful in recruitment and retention of students; efforts to provide consistent levels of advisement are commended

CPR Committee  CPR Committee Observations: \_\_\_\_\_

**VI. Summary Recommendation**

Self-Study

Review Team  Review Team Observations: Quality program; funds needed to promote professional development to improve productivity; work with students doing research needs to count in workload; faculty teaching load should be adjusted to allow for increased grantsmanship and scholarship.

CPR Committee  CPR Committee Observations: \_\_\_\_\_

**Executive Summary**

Self-Study

Review Team

Review Team Observations:

The department exceeds expectation based on the university's investment; low-cost program with high student success; dept. is appreciated by the college for its efforts to provide quality experience in service courses and those for math majors.

CPR Committee

CPR Committee Observations:

\_\_\_\_\_

**CPR Committee's Recommended Follow-up**