Yavapai College Criteria Checklist for

MATHMATICS AND NUMERACY

Purpose

Modern society is run by numbers, from statistics to computer algorithms to news reporting on government budgets. Mathematics is the science of problem-solving and provides the tools for understanding our world and trying to solve its problems. Students that study mathematics develop competency and comfort working with numerical data, and they can apply the critical thinking and problem-solving skills they learn to many endeavors. Mathematics also requires imagination, necessitating abstract and formalized thought on the one hand and creativity and intuition on the other. All people, in every trade and profession, use mathematics in their personal and professional lives, and these skills are of unquestionable value to society. Mathematics is thus a crucial part of any general education curriculum.

Instructions: Proposer should complete the following section and attach appropriate documentation.

		MATHMATICS AND NUMERACY must meet the criteria below in such a way as to make the satisfaction of these criteria A CENTRAL AND SUBSTANTIAL PORTION of the course content.	
Y	N		Identify Documentation
		Should have principles of mathematics and numeracy entrenched throughout the course.	
		Should be at the level or higher of MAT 141.	
		Mathematics **must** meet the below following transferability criteria as well as the above. Scheduling priority may be given to courses that transfer to more than one university with a general education category designation.	
		Must transfer to at least on University as a general education category and to at least one other as a department elective.	

If a course does not meet all criteria, a rationale for exclusion should be provided below: