

# Mathematics Education, A.S.

This plan of study was developed as a guideline for students who plan to transfer to an Alabama public four-year institution and pursue a degree in Secondary Education—Mathematics. Students who plan to transfer to an out-of-state or private institution should consult that institution and plan their program of study in consultation with mathematics faculty advisors and/or counselors. Some courses in this program may not be available at all College locations. **Upon completion of courses listed below, the transcript will reflect either an AA or AS degree without reference to the specific program of study.**

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## NOTES:

\* Must complete a 6-semester-hour sequence in Literature or History.

\* For Fine Arts, Humanities, Natural Sciences, Math, Social/Behavioral Sciences, and Area V Electives: Some 4-year institutions require a specific course or courses in the indicated areas. Check the Alabama Transfers Guide and Area V page of your intended transfer institution for additional guidance. Transfer credits may not exceed 50% of those required for the 4-year degree.

\* ORI 101 or 105, CIS 146: Courses may not be included in the Alabama Transfers Guide but are applicable toward the associate degree.

\* MTH courses below 125 may not count in Area V. Consult your Alabama Transfers Guide for institution-specific information.

**Program:** [Mathematics](#)

**Type:** Associate in Science

## Area I: Written Composition

Item #	Title	Credits
ENG 101	English Composition I	3
ENG 102	English Composition II	3

## Area II: Humanities and Fine Arts

Item #	Title	Credits
	Literature	3-6
	Fine Arts	3
	Speech	3
	HIS 256 or HUM 101 or HUM 102 or PHL 206 or REL 100 or REL 151 or REL 152 or SPA 101 or SPA 102	3

## Area III: Natural Sciences and Mathematics

Item #	Title	Credits
	Natural Sciences	8
MTH 113	Precalculus Trigonometry	3

## Area IV: History, Social and Behavioral Sciences

Item #	Title	Credits
	History	3-6
	Social and Behavioral Sciences	6-9

## Area V: Pre-Professional, Pre-Major, and Elective Courses

Item #	Title	Credits
	ORI 101 OR ORI 105	1-3
CIS 146	Computer Applications	3
MTH 125	Calculus I	4
MTH 126	Calculus II	4
MTH 227	Calculus III	4
	Electives as Determined by Transfer Institution (Mathematics Education)	3-5
	<b>Total credits:</b>	<b>Total Credits</b> <b>60-67</b>