

Advisor _____
Assigned By _____



Name _____
Date _____

EDUCATIONAL PLAN

Associate in Arts Mathematics

Course Placement Recommendations: English _____ Reading _____ Math _____

- | | | | | |
|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|------------------------------------|
| <input type="checkbox"/> ENGL 098 | <input type="checkbox"/> READ 099 | <input type="checkbox"/> MATH 095 | <input type="checkbox"/> MATH 098 | <input type="checkbox"/> MATH& 141 |
| <input type="checkbox"/> ENGL 099 | | <input type="checkbox"/> MATH 096 | <input type="checkbox"/> MATH 099 | <input type="checkbox"/> MATH& 142 |

Recommended course schedule

Fall Quarter, First Year

	<u>Credits</u>
MATH& 141 Pre-Calculus I (M)	OR
MATH& 142 Pre-Calculus II (M) (<i>Dependent on placement</i>)	5
Humanities Distribution (H)	5
Social Science Distribution (SS)	5
Health & Fitness Distribution (HF)	1
	16

Winter Quarter, First Year

	<u>Credits</u>
ENGL& 101 English Composition I (C)	5
MATH& 142 Pre-Calculus II (M)	OR
MATH& 151 Calculus I (M)	5
MATH 156 Calculus I Lab (<i>If enrolled in MATH& 151</i>)	1
Social Science Distribution (SS)	5
	15-16

Spring Quarter, First Year

	<u>Credits</u>
ENGL& 102 Composition II (C)	5
MATH& 151 Calculus I (M)	OR
MATH& 152 Calculus II (M)	5
Social Science Distribution (SS)	5
Health & Fitness Distribution (HF)	1
	16

Fall Quarter, Second Year

	<u>Credits</u>
MATH 118 Linear Algebra (M)	5
MATH& 152 Calculus II (M)	OR
MATH& 146 Introduction to Stats (M)	5
Science Distribution (S)	5
Humanities Distribution (H)	5
	20

Winter Quarter, Second Year

	<u>Credits</u>
MATH& 163 Calculus III	5
Science Distribution (S)	5
Humanities Distribution (H)	5
	15

Spring Quarter, Second Year

	<u>Credits</u>
MATH 212 Elementary Differential Equations	OR
MATH 228 Discrete Mathematics	5
MATH 264 Calculus IV	3
Science Distribution (S)	5
Health & Fitness Distribution (HF)	1
	14

Recommended Classes: BIOL& 221, 222, 223, 241, 242 (S)
PHYS& 221, 222, 223 (S)

Students are required to complete 3-5 credits in a Diversity course (D).
A list of courses that satisfy the Diversity Requirement can be found in the college catalog.

QTR/YR _____ CREDITS _____

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QTR/YR _____ CREDITS _____

NAME _____

Math

EMPHASIS: Mathematics

DEGREE: Associate in Arts

Purpose:

The Associate in Arts degree with an emphasis in Mathematics is for students interested in transferring to a four-year college or university to complete a bachelor's degree in mathematics.

If you are not well prepared in high school math you should plan, with your advisor, a three-year program to prepare for transfer to a four-year college or university. The emphasis in the first year should be on strengthening your math, basic science, communication, and reading skills.

Most mathematicians need skills in other areas of science, so courses in physical sciences, in addition to physics, or life sciences should be considered.

Many transfer schools have language requirements; graduate work in mathematics may require a foreign language, probably German, French, or Russian. Careful planning with your advisor can help you avoid awkward decisions.

Except for the sequences of mathematics, and English composition courses, the order in which courses are taken is not important.

Program Outcomes:

Please refer to the Distribution Requirements and their criteria listed in the Centralia College catalog.

Learning Themes:

General education outcomes at Centralia College help students, faculty, and the general public identify learning expected when a student has completed a degree or program. The administration, faculty, and staff have agreed upon the following five Learning Themes which students can expect to encounter in their courses by the completion of any degree.

Reasoning: The ability to extract information from data, develop ideas and solutions, establish logical progression in thinking, and problem solve using such procedures as literary analysis or the scientific methods.

Written, Oral and Visual Communication: The ability to make oneself understood in public, interpersonal, professional, artistic, and technical arenas.

Exploration-Self and Others: An awareness of the values, beliefs, customs, and contributions of persons from one's own and other traditions, ethnicities, classes, and genders.

Resourcefulness: The ability to adapt to change, such as technological innovations or environmental conditions.

Responsibility: The ability to be accountable to self, society, and the natural world.

Note: Students who plan on transferring to the University of Washington will also need to take one full-year of a foreign language if they have not studied that language for the required amount of time in high school. Also, students going to the University of Washington may wish to take at least one five-credit designated writing course.

The Associate in Arts degree represents the broad knowledge generally acquired in the first two years of a four-year program leading to a Bachelor of Arts degree. When you have earned the AA from Centralia College, you may transfer to a baccalaureate institution within the state of Washington with assurance that you have satisfied all or most of the basic requirements (General University Requirements or Distribution Requirements). This means, generally, that AA transfer students can begin work on their specialized, major-area course-work as soon as they transfer.

Centralia College has direct AA-degree transfer agreements with the following colleges:

Bastyr University - Central Washington University - City University - Cornish College of the Arts - Eastern Washington University - Gonzaga University - Heritage University - Northwest University - Pacific Lutheran University - Saint Martin's University - Seattle Pacific University - Seattle University - The Evergreen State College - Trinity Lutheran College - University of Washington - Washington State University - Western Washington University - Whitworth College

This Educational Plan is intended as a guide for students who wish to emphasize a specific area of study for the Associate in Arts degree. It is not a guarantee that the courses listed in the plan will be available in the sequence suggested. In some instances, due to low enrollment, some courses may not be offered at all.

Estimated Quarterly Program Costs (subject to change without notice)

Tests: ACCUPLACER	\$15
Resident Tuition (15 credits) and fixed fees*:	\$1427
US Citizen Nonresident Tuition (15 credits) and fixed fees*:	\$1576
Non US Citizen Nonresident Tuition (15 credits) and fixed fees*:	\$3381
*Tuition is subject to change due to State Legislative actions	
Books and supplies (estimate):	\$427
Lab fees:	Refer to quarterly class schedule.