

**ASSOCIATE IN ARTS**  
**Pre-major: MIDDLE GRADES EDUCATION**

**With a Concentration in Mathematics**

*This template has been developed by university and community college faculty and made specific for Durham Tech students. It is to be used as a blueprint for guiding students interested in majoring in middle grades education or special education with a concentration in mathematics in their course selections. Students who successfully complete this course of study and who meet the requirements for admission to the university may be eligible to apply for admission to the major with junior standing. **This agreement is meant as a guide and the student should not assume that it addresses unique requirements set by his or her university of choice. It is the student's responsibility to become aware of individual requirements of the senior institution and to make course substitutions as warranted, within the requirements of the AA Plan-of-Study.***

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**General Education Core (44 SHC):** 44 semester hours of credit (SHC) in general education core courses are required as outlined by the North Carolina Community College Curriculum Standards for Associate in Arts degree programs. Students who complete the General Education Core requirements exclusively at public colleges and universities in North Carolina or at private colleges that have signed on to the Comprehensive Articulation Agreement will be able to transfer the set of courses as a package. The General Education Core includes study in the areas of English composition, humanities and fine arts, social and behavioral sciences, natural sciences, and mathematics.

**English Composition (6 SHC):**

- ENG 111 (3 SHC)—Expository Writing
- ENG 113 (3 SHC)—Literature-Based Research

**Humanities and Fine Arts (12 SHC):**

- One English literature course (3 SHC) selected from—ENG 231, 232, 233
- \*FL 111 (3 SHC)—Elementary Foreign Language I (Must be taken with the accompanying lab – see Other Required Hours below)
- \*FL 112 (3 SHC)—Elementary Foreign Language II (Must be taken with the accompanying lab—see Other Required Hours below)
- One course (3 SHC) selected from—ART 111, 114, 115; MUS 110

*\*Foreign languages offered at Durham Tech include French, German, Italian, Portuguese, and Spanish. Students graduating from UNC-CH are required to complete Intermediate Foreign Language I.*

**Social and Behavioral Sciences (12 SHC):**

- One history course (3 SHC) selected from—HIS 111, 112, 121, 122
- PSY 150 (3 SHC)—Introduction to Psychology
- SOC 210 (3 SHC)—Introduction to Sociology *or* SOC 225 (3 SHC)—Social Diversity
- One course (3 SHC) selected from the following list or from any course listed above under Social and Behavioral Sciences—ANT 210, 220; ECO 251, 252; GEO 111, 112; POL 120, 220; PSY 237, 241, 281; SOC 210, 213, 220, 225

**Natural Science (8 SHC):**

- BIO 111 (4 SHC)—General Biology I
- CHM 131/131A *or* CHM 151\* *or* PHY 151\*

*\*Indicates courses that have mathematics pre-requisites beyond those listed below.*

**Mathematics (6 SHC):**

- MAT 140 (3 SHC)—Survey of Mathematics (Must be taken with the accompanying lab—see Other Required Hours below) (*Note: UNC-CH does not accept MAT 140 as a mathematics course. If transferring to UNC-CH, take MAT 171/ 171A, 172/ 172A or 263, and MAT 151.*)
  - MAT 161 (3 SHC)—College Algebra (Must be taken with the accompanying lab—see Other Required Hours below.) (*Note: UNC-CH does not accept MAT 161 as a mathematics course. If transferring to UNC-CH, take MAT 171/ 171A, 172/ 172A or 263, and MAT 151.*)
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## MIDDLE GRADES (Mathematics), Continued

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**ELECTIVES:** To complete the Associate in Arts degree, a student must complete a total of 64 hours. Sixty-four credit hours are guaranteed to transfer. Transfer of credit hours beyond the 64<sup>th</sup> is not guaranteed. Electives transfer as a package if the student completes the AA degree. If the degree is not completed, then elective courses transfer on a course-by-course basis, and it is the student's responsibility to address individual program requirements at the university. We recommend that the additional 20 hours beyond the General Education Core be distributed as follows:

**Other Required Hours\* (19 SHC):** Select 19 SHC from the following:

- COM 231 (3 SHC)—Public Speaking
- FL 181 (1 SHC)—Lab for Foreign Language I
- FL 182 (1 SHC)—Lab for Foreign Language II
- MAT 140A (1 SHC)—Lab for Survey of Mathematics
- MAT 151 (3 SHC)—Statistics I *or* MAT 155 (3 SHC)—Statistical Analysis
- MAT 171A (1 SHC)—Lab for Pre-calculus Algebra
- MAT 172/172A (4 SHC)—Pre-calculus Trigonometry and Lab
- MAT 271 (4 SHC)—Calculus I
- MAT 272 (4 SHC)—Calculus II
- CAPSTONE COURSE (Required for Graduation): HUM 212 (3 SHC)—Humanities II *or* BIO 140 (3 SHC)—Environmental Biology

*\*Students earning the AA degree must demonstrate basic computer competency or complete CIS 110 or CIS 115.*

**Physical Education (1 SHC):**

- One course (1 SHC) selected from—PED 111, 113, 114, 120, 121, 128, 130, 139, 142, 143, 145, 148, 162, 172, 183, 186

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**The colleges and universities that offer this major:**

To identify the public universities offering this major, go to the web site

<http://ias.ga.unc.edu/%7Epassess/acrobat/apibyprog.pdf> or  
[www.northcarolina.edu/content.php/aa/planning/traditional.htm](http://www.northcarolina.edu/content.php/aa/planning/traditional.htm) .

To identify the private colleges and universities offering this major, go to the web site

<http://www.northcarolina.edu/content.php/assessment/reports/publications/api.htm> .

**Admission to teacher licensure programs requires satisfactory scores on PRAXIS I, PPST—Reading, PPST—Writing, and PPST—MATH and a minimum GPA of 2.5 on a 4.0 scale.**

**Transfer Assured Admissions Policy (TAAP):** Beginning in Fall Semester 2005, a student who successfully earns the A.A. or A.S. degree and who falls under the other requirements of the Comprehensive Articulation Agreement (CAA) is assured admission to one of the 16 UNC institutions. See your advisor for further details.

Students should be aware that universities look more favorably on those who have completed the General Education Core (44 hours defined on the first page of this agreement) or the Associate in Arts or Associate in Science degree (64 hours). Most universities allow, at most, 64 hours of credit to transfer. The 65<sup>th</sup> and 66<sup>th</sup> hours are not guaranteed to transfer. However, there are situations where more than 64 hours can be completed at the community college. Please consult with an advisor to find out what those situations are.