

<p style="text-align: center;">ASSOCIATE IN MATH EDUCATION - DTA (AA-DTA Degree for future secondary math teachers)</p>	<p style="text-align: center;">Template for articulation degree in Secondary Education For MATHEMATICS</p>										
<p>I. Be issued only to students who have earned a cumulative grade point average of at least 2.00, as calculated by the degree awarding institution.</p>	<p style="text-align: center;">Specific grade requirements vary from course to course and among transfer institutions. Students need to check with transfer advisors.</p>										
<p>II. Be based on 90 quarter hours of transferable credit including: A minimum of 60 quarter hours of general education courses distributed as follows:</p>											
<p>A. Basic Requirements 1. <u>Communication Skills (10 credits)</u> Must include at least two courses in English composition which total to at least six credits. Remaining credits, if any, may be an additional composition course or designated writing courses in basic skills (e.g., speech, rhetoric, or debate).</p>	<p style="text-align: center;">10 quarter credits of English composition.</p>										
<p>2. <u>Quantitative/Symbolic Reasoning Skills (5 credits)</u> a. One of the following (5 credits) i. Symbolic reasoning course ii. Quantitative reasoning course in computer science, statistics, mathematics, or other discipline for which intermediate algebra is a prerequisite.</p>	<p style="text-align: center;">First quarter calculus (Specific content requirements begin with calculus.)</p>										
<p>b. <u>Intermediate Algebra Proficiency</u> All students must be proficient in intermediate algebra. May be satisfied by completion of high school mathematics through second year algebra, by course challenge or other examination demonstrating mastery of intermediate algebra skills, or by completion of an intermediate algebra course (to be numbered below 100) or a mathematics course for which intermediate algebra is a prerequisite.</p>	<p style="text-align: center;">done</p>										
<p>B. Distribution Requirements Within the distribution requirements, integrative, synthesizing courses and programs, including interdisciplinary courses and inked sequences of courses, are to be encouraged, especially for colleges requiring a minimum of two disciplines per area.</p>											
<p>3. <u>Humanities¹(15-20 credits)</u> Selected from at least two disciplines. No more than 10 credits allowed from any one discipline. (No more than 5 credits in foreign language at the 100 level.) No more than 5 credits in performance/skills courses are allowed. Suggested disciplines include³:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Art</td> <td style="width: 50%;">Music</td> </tr> <tr> <td>History²</td> <td>Philosophy²</td> </tr> <tr> <td>Foreign Language/American</td> <td>Drama/Theater</td> </tr> <tr> <td>Sign Language⁴</td> <td>Speech</td> </tr> <tr> <td>Literature</td> <td></td> </tr> </table>	Art	Music	History ²	Philosophy ²	Foreign Language/American	Drama/Theater	Sign Language ⁴	Speech	Literature		<p style="text-align: center;">Introductory Speech + 10 quarter credits selected from this area within the DTA</p>
Art	Music										
History ²	Philosophy ²										
Foreign Language/American	Drama/Theater										
Sign Language ⁴	Speech										
Literature											
<p>4. <u>Social Sciences¹(15-20 credits)</u> Selected from at least two disciplines. No more than 10 credits allowed from any one discipline. Suggested disciplines include³:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">History²</td> <td style="width: 50%;">Philosophy²</td> </tr> <tr> <td>Anthropology</td> <td>Political Science</td> </tr> <tr> <td>Economics</td> <td>Psychology</td> </tr> </table>	History ²	Philosophy ²	Anthropology	Political Science	Economics	Psychology	<p style="text-align: center;">Introductory Psychology Recommended: Multicultural education? + 5 quarter credits selected from this area within the DTA</p>				
History ²	Philosophy ²										
Anthropology	Political Science										
Economics	Psychology										

Geography	Sociology								
<p>5. Natural Sciences (15-20 credits) Selected from at least two disciplines. No more than 10 credits allowed from any one discipline. At least 10 credits in physical, biological and/or earth sciences. Shall include at least one laboratory course. Suggested disciplines include³:</p> <table data-bbox="162 367 730 493"> <tr> <td>Astronomy</td> <td>Geology</td> </tr> <tr> <td>Biology</td> <td>Mathematics²</td> </tr> <tr> <td>Botany</td> <td>Physics</td> </tr> <tr> <td>Chemistry</td> <td>Zoology</td> </tr> </table>	Astronomy	Geology	Biology	Mathematics ²	Botany	Physics	Chemistry	Zoology	<p>2nd quarter of Calculus (for majors)</p> <p>+ 5 credits science (phys., chem., geol., or biol.) + 5 quarter credits lab science (phys., chem., geol., or biol.)</p>
Astronomy	Geology								
Biology	Mathematics ²								
Botany	Physics								
Chemistry	Zoology								
<p>C. Selected from this distribution area within the DTAs Other college-level courses, of which a maximum of 15 credits may be in college-level courses as defined by the community college, and the remainder shall be fully transferable as defined by the receiving institution. Where appropriate, preparation courses for the major, minor, or professional certification should ideally be included in this course work.</p>	<p>3rd and 4th quarter Calculus (for majors) Linear Algebra</p> <p>+ 10 quarter credits selected from this area within the DTA</p>								
<p>NOTES</p> <p>¹Within appropriate distribution areas, colleges are encouraged to develop curriculum which provides students with an understanding of and sensitivity to cultural differences by completing courses requiring study of cultures other than their own. To most, this may include minority, non-Western ethnic, or other area studies.</p> <p>²A specific course may be credited toward no more than one distribution or skill area requirement.</p> <p>³A list of suggested disciplines is subject to review by the ICRC.</p> <p>⁴Faculty teaching first-year language courses are encouraged to include cultural aspects of study in their courses.</p>	<p>Gray Area</p> <p>Field Experience/Intro to Education</p> <p>5 credits or other means of meeting this competency</p>								