

# Seattle Central Community College - Assoc Math Education Transfer Degree

## Associate in Math Education (DTA/MRP) Transfer Degree Worksheet - Summer 2008 (A891)

- ☼ Completion of at least \*90 applicable credits, including transferred-in credits, with a minimum cumulative gpa of 2.0.
- ☼ All courses applied must be numbered 100 or above.      ☼ At least 15 credits must be earned from Seattle Central CC.
- ☼ Students should apply for the award / graduation one (1) quarter prior to the anticipated graduation date.
- ☼ Completion of the Associate in Math Ed. degree does not guarantee admission to a university or into a major program.

**\*\*\* SPECIAL REQUIREMENTS: "US Cultures/Global Studies" ( US/GS ) \*\*\***

\*\*\* **SPECIAL REQUIREMENTS:** Students must complete one (1) course in US Cultures / Global Studies, "US/GS".  
 The "US/GS" course is **NOT** additional credit, but is taken within the Distribution Areas as part of the 90 required credits.  
**"US/GS"** US Cultures/Global Studies -       **SEE the back side for "Special Requirements" course list.**

<b>DISTRIBUTION REQUIREMENTS</b>	<b>BASIC REQUIREMENTS: 15 Credits</b>																																																														
<p><b>VISUAL, LITERARY &amp; PERFORMING ARTS: (VLPA) 15 Credits</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;"></th> <th style="width: 15%;">CREDIT</th> <th style="width: 15%;">NEED</th> </tr> </thead> <tbody> <tr> <td><i>Introductory Speech</i> Course #1 <b>CMST &amp;101or &amp;220</b></td> <td></td> <td></td> </tr> <tr> <td>*Course #2</td> <td></td> <td></td> </tr> <tr> <td>*Course #3</td> <td></td> <td></td> </tr> <tr> <td align="center"><i>Maximum 10 cr. per Prefix</i></td> <td></td> <td></td> </tr> <tr> <td align="center">*See Back Page for List</td> <td></td> <td></td> </tr> </tbody> </table> <p><b>NATURAL WORLD: (NW) 15 Credits</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;"></th> <th style="width: 15%;">CREDIT</th> <th style="width: 15%;">NEED</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/> Min. 5 cr. of Lab Sciences <i>Calculus II</i> Course #1 <b>MATH &amp;152</b></td> <td></td> <td></td> </tr> <tr> <td>*Course #2</td> <td></td> <td></td> </tr> <tr> <td>*Course #3</td> <td></td> <td></td> </tr> <tr> <td align="center"><i>Maximum 10 cr. per Prefix</i></td> <td></td> <td></td> </tr> <tr> <td align="center">*See Back Page for List</td> <td></td> <td></td> </tr> </tbody> </table> <p><b>INDIVIDUALS, CULTURES AND SOCIETIES: (ICS) 15 Credits</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;"></th> <th style="width: 15%;">CREDIT</th> <th style="width: 15%;">NEED</th> </tr> </thead> <tbody> <tr> <td><i>General Psychology</i> Course #1 <b>PSYC &amp;100</b></td> <td></td> <td></td> </tr> <tr> <td>*Course #2</td> <td></td> <td></td> </tr> <tr> <td>*Course #3</td> <td></td> <td></td> </tr> <tr> <td align="center"><i>Maximum 10 cr. per Prefix</i></td> <td></td> <td></td> </tr> <tr> <td align="center">*See Back Page for List</td> <td></td> <td></td> </tr> </tbody> </table>		CREDIT	NEED	<i>Introductory Speech</i> Course #1 <b>CMST &amp;101or &amp;220</b>			*Course #2			*Course #3			<i>Maximum 10 cr. per Prefix</i>			*See Back Page for List				CREDIT	NEED	<input type="checkbox"/> Min. 5 cr. of Lab Sciences <i>Calculus II</i> Course #1 <b>MATH &amp;152</b>			*Course #2			*Course #3			<i>Maximum 10 cr. per Prefix</i>			*See Back Page for List				CREDIT	NEED	<i>General Psychology</i> Course #1 <b>PSYC &amp;100</b>			*Course #2			*Course #3			<i>Maximum 10 cr. per Prefix</i>			*See Back Page for List			<p><b>COMMUNICATION SKILLS - Composition: 10 Credits</b></p> <p><input type="checkbox"/> ENGL &amp;101 (5)      <input type="checkbox"/> ENGL &amp;102 (5)</p> <p><b>QUANTITATIVE REASONING "Q" 5 Credits</b></p> <p><input type="checkbox"/> <i>Calculus with Analytic Geometry I</i> <b>MATH &amp;151 (5)</b></p> <p><b>PRE-MAJOR PREPARATION: 18 - 20 Credits</b></p> <p><input type="checkbox"/> <b>MATH &amp;153 (5) - Calculus III</b></p> <p><input type="checkbox"/> <b>MATH 220 (3 - 5) - Linear Algebra</b></p> <p><input type="checkbox"/> <b>MATH 224 (5) - Vector Calculus</b></p> <p><input type="checkbox"/> <b>EDUC 206 (5) - Intro to Education</b></p> <p><b>ELECTIVES: **10 - 12 Credits</b>  <b>** May Include Additional Cr. to Meet the 90 Credit Minimum.</b></p> <table border="1" style="width: 100%; border-collapse: collapse; height: 100px;"> <tr><td style="width: 50%;"></td><td style="width: 50%;"></td></tr> <tr><td style="width: 50%;"></td><td style="width: 50%;"></td></tr> <tr><td style="width: 50%;"></td><td style="width: 50%;"></td></tr> <tr><td style="width: 50%;"></td><td style="width: 50%;"></td></tr> </table> <p><b>ELECTIVES NEEDED:</b> <input style="width: 50px; height: 20px;" type="text"/></p> <p><b>CREDITS COMPLETED:</b> <input style="width: 50px; height: 20px;" type="text"/>      <b>CREDITS REMAINING:</b> <input style="width: 50px; height: 20px;" type="text"/></p>								
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- \* COURSE DISTRIBUTION LISTS ON BACK.      + A MINIMUM 2.0 ('C') GRADE PER CLASS IS STRONGLY RECOMMENDED.
- ☼ TOTAL CREDITS NEEDED: 90      ☼ SELECTED COURSES SHOULD MEET UNIVERSITY TRANSFER REQUIREMENTS.

# Associate in Math Education (DTA/MRP) Degree – Course Requirement Lists

<p><b>Special Requirements – “US/GS” (US Cultures / Global Studies)</b>                  Within the 90 credits for the A.M.E. degree, students must take one (1) of the following ‘US/GS’ courses as part of the Distribution Areas.</p>	<p>(VLPA): ART 255    CMST 205    HUM 105, 125, 160, 200, 210, 270    SPAN/ LIT 236, 238                  ENGL 218, 231, 232, 240, &amp;244, &amp;245, &amp;246, 251, &amp;256, 257, 258, 259, 260,266, 291, 292    FRCH 212                  MUSC 110, 113, 116, 161, 204    (ICS): AME 160    ANTH &amp;106, 130, 135, &amp;206, &amp;210, &amp;228                  ASL 120, 125    ECON &amp;202    GEG 230    HIST 111, 112, 115, &amp;126, &amp;127, &amp;128, 131, 138, 140,                  145, 150, 200, 210, 212, &amp;214, 268, 269    POLS 170, &amp;203, 220, 255    PHIL 240, 245, 250                  PSYC &amp;200, 245, 250    SOC 102, 105, 106, 120, 130, 150, 220, 245, 265, 280    ISP/WMN 205                  (ICS/NW): ENV 150    (NW): HEA 225</p>	
<p><b>Written Communications</b> 9 – 10 cr.</p> <p><b>Quantitative Reasoning – 5 cr.</b></p> <p><b>Pre-Major Prep.: 18 - 20 cr.</b></p>	<p><b>ENGL &amp;101, ENGL &amp;102</b> ( College Composition 1 &amp; 2 : Expository or Essay Writing, Advanced, Analytical, Critical, Interpretive or Research Paper )</p> <p><b>MATH &amp;151</b> ( Calculus with Analytic Geometry I )</p> <p><b>EDUC 206</b> (Intro to Ed.), <b>MATH &amp;126</b> (Calc. III), <b>MATH 220</b> (Linear Algebra), <b>MATH 224</b> (Vector Calc.)</p>	
<p><b>VLPA - VISUAL, LITERARY &amp; PERFORMING ARTS (15 cr.)</b></p> <p><i>Maximum 10 cr. per Prefix</i></p> <p><b>5 cr. max allowed in 100 level</b> ‘World Languages’.</p> <p><b>5 cr. max allowed in</b> ‘Studio/Performance’ courses (*asterisked numbers)</p>	<p><b>Course #2 &amp; #3 – Choose From;</b> Art: ART &amp;100, 104, 105, 163, 170, 251, 252, 253, 254, 255,290, 291                  Communication: CMST &amp;101 – 285, 295    Drama: DRMA &amp;101, 103, 112, 131, 284, 285, 286                  English: ENGL 104, 109 – 117, 151 – 153, 201, 204 - &amp;228, 231 - 293    Journalism: JRN 101 – 103                  Humanities: HUM 104,105, 110, 115, &amp;116, &amp;117, &amp;118, 120, 125, 150, 160, 200, 210, 234, 261, 270                  Linguistics: LAN 101, 110    Literature: LIT 236, 238                  Music: MUSC 100 - 117,125, &amp;141 - &amp;143,160 -163,185, 204 - 213, &amp;231- &amp;233                  ‘World Languages’;    American Sign Language: ASL &amp;121 - &amp;123, 210, &amp;221 - &amp;223                  Chinese: CHIN &amp;121 - &amp;223    French: FRCH &amp;121 – &amp;123, 204 - 206, 212, &amp;221 - &amp;223, 231 - 233                  German: GERM &amp;121 – &amp;123    Japanese: JAPN &amp;121 – &amp;223    Russian: RUSS &amp;121 – &amp;123                  Spanish: SPAN &amp;121 – &amp;223, 236, 238    Vietnamese: VIET &amp;121 – &amp;123</p> <p>*Studio/Performance; Art: ART 101* - 103*, 110* - 123*, 166*, 201* - 223*, 281* - 285*                  Drama: DRMA 108* - 110*, 114* - 123*, 182*, 204* - 206*, 221* - 223*                  Music: MUSC 119*, 120*, 126* - 140*, 144* - 158*, 164* - 182*, 221* - 223*</p>	
<p><b>Course #1: CMST &amp;101 or &amp;220</b> <i>Intro to Communications or Public Speaking</i></p>	<p>*Studio/Performance; Art: ART 101* - 103*, 110* - 123*, 166*, 201* - 223*, 281* - 285*                  Drama: DRMA 108* - 110*, 114* - 123*, 182*, 204* - 206*, 221* - 223*                  Music: MUSC 119*, 120*, 126* - 140*, 144* - 158*, 164* - 182*, 221* - 223*</p>	
<p><b>NW - NATURAL WORLD (Natural Sciences)</b></p> <p><i>Three Courses = 15 credits</i></p> <p><b>1 Course ( 5 cr. )</b> <b>Must be in Lab Sciences</b> (*asterisked numbers ).</p> <p><i>Maximum 10 cr. per Prefix</i></p>	<p><b>Course #1</b></p> <p><b>MATH &amp;152</b> (Calculus II)</p>	<p><b>Course #2 &amp; #3 – Choose From;</b>    <b>Anthropology: ANTH &amp;205</b>  <b>Astronomy: ASTR &amp;100, &amp;110*, 201</b>    <b>Botany: BOT 110*, 112*, 113*</b>  <b>Biology: BIOL &amp;100*, 102*,106*, 107*, 120*, 125*, 128*,130*, &amp;160*, 161*, 195, 196,</b>  <b>&amp;211*, &amp;212*, &amp;213*, &amp;241*, &amp;242*, &amp;260*, 282*, 285*, 286*, 287*, 290</b>  <b>Chemistry: CHEM &amp;105*, 106*, &amp;121*, &amp;122*, &amp;123*, &amp;139, &amp;161*, &amp;162*, &amp;163*, 191*,</b>  <b>192*, 211*, &amp;241, &amp;242, &amp;243, &amp;251*, &amp;252*, 255</b>    <b>Health: HEA 125, 150, 160, 225</b>  <b>Environmental Science: ENV 150, 170, 201 – 221</b>    <b>Geology: GEOL &amp;101, &amp;103*, 104,</b>  <b>105*, 106, 108*, &amp;110*, 111*, &amp;115*, 118*, 202*, 207*, &amp;208*</b>    <b>Oceanography: OCE 100</b>  <b>Physics: PHYS &amp;100, 107*, &amp;121*,&amp;122*,&amp;123*, &amp;221* - &amp;223*</b>    <b>Geography: GEG 205</b>  <b>Meteorology: MEY 100</b>    <b>Nutrition: NTR 105*,150,155</b>    <b>Speech &amp; Hearing Sci: SPS 201*</b>  <b>Science: SCI 100, 101*, 104, 110*, 112*, 113*, 114*, 115*, 116*, 117*, 118*, 119*, 121*</b></p>
<p><b>ICS - INDIVIDUALS, CULTURES, &amp; SOCIETIES (Social Sciences)</b></p> <p><i>Three Courses = 15 credits</i></p> <p><i>Maximum 10 cr. per Prefix</i></p>	<p><b>Course #1</b></p> <p><b>PSYC &amp;100</b> (General Psychology)</p>	<p><b>Course #2 &amp; #3 – Choose From:</b>    <b>American Sign Language: ASL 120, 125</b>  <b>Anthropology: ANTH &amp;100 - &amp;228</b> (excluding &amp;204, &amp;205)  <b>American Ethnic Studies: AME 150 - 201</b>    <b>Economics: ECON 100, 102, &amp;201, &amp;202</b>  <b>Environmental Science: ENV 150</b>    <b>Geography: GEG 100, 200, 207, 230, 260</b>  <b>History: HIST 105 - 273</b> (excluding 122, 130, 218)    <b>Religion: REL 150, 151</b>  <b>International Studies: ISP 101-170, 201 - 270</b>    <b>Social Science: SSC 101, 103, 187</b>  <b>Philosophy: PHIL &amp;101 - 267</b> (excluding &amp;106)    <b>Women’s Studies: WMN 140 - 257</b>  <b>Political Science: POLS &amp;101- 255</b> (excluding 217)    <b>Sociology: SOC &amp;101- 280</b>  <b>Psychology: PSYC 120 - 294</b> (excluding 160, 222, 240)    <b>Social Welfare: SWF 200</b></p>
<p><b>ELECTIVES: 10 – 12 Cr.</b> <b>** (minimum)</b></p> <p><i>**Including additional credits to meet the 90 credit requirement.</i></p> <p>Any combination of <b>Academic/College transfer</b> courses and/or Non-transfer, <b>“Restricted”</b> electives.</p> <p><b>Credit limits are noted for each category.</b></p>	<p>⊗ <b>All Academic/College Transfer courses numbered 100 or above may be used as electives,</b> also including: ACCT &amp;201, &amp;202, &amp;203    ASL 132    BUS &amp;101, &amp;201, 210, 245    EDUC 200 – 272                  ENGR 110, &amp;112, 141, 161, 170, 171, &amp;204    ENGL &amp;230    JRN 104, 105, 106</p> <p>Ⓜ <b>ANY Extra Credits</b> exceeding the Basic &amp; Distribution Requirements can also apply to electives.</p> <p>Ⓜ Transfer courses in <b>Seminar, Directed Readings, Special Projects/Topics, etc., #’s 198 - 299.</b></p> <p>⊗ <b>Physical Education Courses ( PEC ) – ( 3 cr. Max ).</b></p> <p>Ⓜ <b>“Restricted” electives - Maximum 15 cr.</b> May be taken from a combination of the following:                  + <b>Workforce/Vocational/Professional/Technical</b> courses numbered 100 and above.                  + <b>Human Development Courses, Study Skills ( HDC ),</b> numbered 100 &amp; above ( <b>6 cr. Max</b> ).                  + <b>Library Research Courses ( LIB ) – ( 6 cr. Max ).</b>                  + <b>Coop. Ed., Community/Volunteer Service, Travel Study, Work Experience, etc. ( Total Max 5 cr.)</b></p>	
<p><b>1) Although the Associate in Math Education degree is designed to fulfill prerequisites needed for entrance into a B.A. program. Completion of the degree does not guarantee admissions into a university or a teacher education program.</b></p> <p><b>2) Earning the Assoc. Math Ed. degree requires a min. overall GPA of 2.0. However, GPA entrance requirements vary at each university. Competitive schools may require a 3.0 or higher in overall General Admissions and Education program prerequisite GPA’s.</b></p> <p><b>3) Students should contact the 4-year school where the plan to apply and confer with those advisors regarding application deadlines and any special requirements for the Teacher Education Program and for General College Admissions.</b></p>		