

# Seattle Central Community College - Assoc Math Education Transfer Degree

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

### FOR PLANNING PURPOSES ONLY

- 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** 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** 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.**

DISTRIBUTION REQUIREMENTS			BASIC REQUIREMENTS: 15 Credits		
<b>VISUAL, LITERARY &amp; PERFORMING ARTS:</b> <b>(VLPA) 15 Credits</b> CREDIT    NEED <i>Introductory Speech</i> Course #1 <b>CMST &amp;101or &amp;220</b> <hr/> *Course #2 <hr/> *Course #3 <hr/> <i>Maximum 10 cr. per Prefix</i>			COMMUNICATION SKILLS: 10 Credits      CREDIT    NEED  <input type="checkbox"/> <b>ENGL &amp;101 (5)</b> <input type="checkbox"/> <b>ENGL &amp;102 (5)</b> QUANTITATIVE REASONING "Q" 5 Credits <i>Calculus with Analytic Geometry I</i> <input type="checkbox"/> <b>MATH &amp;151 (5)</b>		
<b>NATURAL WORLD: (NW) 15 Credits</b> <input type="checkbox"/> <b>Min. 5 cr. of Lab Sciences</b> CREDIT    NEED <i>Calculus II</i> Course #1 <b>MATH &amp;152</b> <hr/> *Course #2 <hr/> *Course #3 <hr/> <i>Maximum 10 cr. per Prefix</i>			<b>PRE-MAJOR PREPARATION: 18 - 20 Credits</b>  CREDIT    NEED <input type="checkbox"/> <b>MATH &amp;153 (5) - Calculus III</b> <input type="checkbox"/> <b>MATH 220 (3 - 5) - Linear Algebra</b> <input type="checkbox"/> <b>MATH 224 (5) - Vector Calculus</b> <input type="checkbox"/> <b>EDUC&amp; 205 (5) - Intro to Education</b>		
<b>INDIVIDUALS, CULTURES AND SOCIETIES:</b> <b>(ICS) 15 Credits</b> CREDIT    NEED <i>General Psychology</i> Course #1 <b>PSYC &amp;100</b> <hr/> *Course #2 <hr/> *Course #3 <hr/> <i>Maximum 10 cr. per Prefix</i>			<b>ELECTIVES: **10 - 12 Credits</b> <b>** May Include Additional Cr. to Meet the 90 Credit Minimum.</b>  CREDIT    NEED <hr/> <hr/> <hr/> <b>CREDITS REMAINING:</b> <b>CREDITS COMPLETED:</b>		

\* 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 <b>one</b> of the following <b>US/GS</b> courses as part of the Distribution Areas.</p>	<p><b>(VLPA): ART 255 CMST 205 ENGL 218, 231, 232, 240, &amp;244, &amp;245, &amp;246, 251, &amp;256, 257, 258, 259, 266, 291, 292 FRCH 212 HUM 105, 125, 160, 200, 210, 270 MUSC 110, 113, 116, 161, 204 SPAN/ LIT 236, 238 (NW): HEA 225, 228 (ICS): AME 160 ANTH &amp;106, 130, 135, &amp;206, &amp;210, &amp;228 ASL 120, 125 ECON &amp;202 GEOG 230 HIST &amp;126, &amp;127, &amp;128, 131, &amp;136, &amp;137, 138, 140, 145, &amp;148, 150, 200, 210, 212, &amp;214, 268, 269 ISP 105, 205, 255 PHIL 240, 245, 250 POLS 170, &amp;203, 220, 255 PSYC &amp;200, 245, 250 SOC 102, 105, 106, 120, 130, 150, 220, 245, 265, 280 WMN 205 (ICS/NW): ANTH 275 ENV 150, 160, 202, 206, 208 (R. ELECT): SLN 100</b></p>	
<p><b>Written Communication</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> (<i>College Composition 1 &amp; 2 : Expository or Essay Writing, Advanced, Analytical, Critical, Interpretive or Research Paper</i>)</p> <p><b>MATH &amp;151</b> (<i>Calculus with Analytic Geometry I</i>)</p> <p><b>EDUC&amp; 205</b> (<i>Intro to Ed.</i>), <b>MATH &amp;126</b> (<i>Calc. III</i>), <b>MATH 220</b> (<i>Linear Algebra</i>), <b>MATH 224</b> (<i>Vector Calc.</i>)</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 World Languages</b></p> <p><b>5 cr. max allowed in Studio/Performance courses</b> (*asterisked numbers)</p>	<p><b>Course #2 &amp; #3 – Choose From; 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 Humanities: HUM 104, 105, 110, 115, &amp;116, &amp;117, &amp;118, 120, 125, 150, 160, 200, 210, 234, 261, 270 Journalism: JRN 101 – 103 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</b></p> <p><b>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</b></p>	
<p><b>Course #1: CMST &amp;101 or &amp;220</b> <i>Intro to Communications or Public Speaking</i></p>	<p><b>*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*</b></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> <b>(Calculus II)</b></p>	<p><b>Course #2 &amp; #3 – Choose From: Anthropology: ANTH &amp;204, &amp;205, 275 Astronomy: ASTR &amp;100, 104*, &amp;110*, 201 Biology: BIOL &amp;100*, 102*, 106*, 107*, 109, 120*, 125*, 128*, 130*, &amp;160*, 161*, 195, 196, &amp;211*, &amp;212*, &amp;213*, 228*, 229*, 239*, &amp;241*, &amp;242*, &amp;260*, 282*, 285*, 286*, 287*, 290 Botany: BOT 110*, 112*, 113* Chemistry: CHEM 106*, &amp;110*, &amp;121*, &amp;122*, &amp;123*, &amp;139, &amp;161*, &amp;162*, &amp;163*, 191*, 192*, 211*, &amp;241, &amp;242, &amp;243, &amp;251*, &amp;252*, 255 Environmental Science: ENV 150, 160, 170, 201, 202*, 203, 204*, 205, 206*, 208, 216*, 221 Geology: GEOL &amp;101, &amp;103*, 104, 105*, 106, 108*, &amp;110*, 111*, &amp;115*, 118*, 202*, 207*, &amp;208* Geography: GEOG 205 Health: HEA 125, 150, 160, 225, 228 Meteorology: MEY 100 Nutrition: NTR 105*, 150, 155 Oceanography: OCEA &amp;100, &amp;101* Physics: PHYS &amp;100, 107*, &amp;121*, &amp;122*, &amp;123*, &amp;221* - &amp;223* Speech &amp; Hearing SCI: SPS 201* Science: SCI 100, 101*, 104, 107*, 110*, 112* - 118*, 119*, 121*, 131*</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> <b>(General Psychology)</b></p>	<p><b>Course #2 &amp; #3 – Choose From: American Ethnic Studies: AME 150 - 201 American Sign Language: ASL 120, 125 Anthropology: ANTH &amp;100 - &amp;228, 275 (excluding &amp;204, &amp;205) Economics: ECON 100, 102, &amp;201, &amp;202, 240 Environmental Science: ENV 150, 160, 200, 202, 206, 208, 214, 294 Geography: GEOG &amp;100, &amp;200, 207, 230, 260 History: HIST 105 - 273 (excluding 122, 130, 218) International Studies: ISP 101-170, 201 - 270 Philosophy: PHIL &amp;101 - 267 (excluding &amp;106) Political Science: POLS &amp;101- 255 (excluding 217) Psychology: PSYC &amp;100 - 294 (excluding 160, 222, 240) Social Science: SSC 101, 103, 187 Sociology: SOC &amp;101- 280 Social Welfare: SWF 200 Women's Studies: WMN 140-257</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>All Academic/College Transfer courses numbered 100 or above may be used as electives, also including: ACCT &amp;201, &amp;202, &amp;203 ASL 132 BUS &amp;101, 200, &amp;201, 210, 245 CFS 155 DES 110, 197 EDUC 200–272 ENGR 110, &amp;112, 141, 161, 170, 171, &amp;204 ENGL &amp;230 JRN 104, 105, 106 SHS 235</p> <ul style="list-style-type: none"> <li>♦ ANY Extra Credits exceeding the Basic &amp; Distribution Requirements can also apply to electives.</li> <li>♦ Transfer courses in Seminar, Directed Readings, Special Projects/Topics (E.g.s. 198 – 299)</li> <li>♦ Physical Education Courses (PEC) (3 cr. Max).</li> </ul> <p>“Restricted” electives - Maximum 15 cr. May be taken from a combination of the following:</p> <ul style="list-style-type: none"> <li>♦ Workforce Education (Professional-Technical) courses numbered 100 and above.</li> <li>♦ Human Development Courses (HDC) numbered 100 &amp; above (6 cr. Max).</li> <li>♦ Library Research Courses (LIB, INFO) (6 cr. Max).</li> <li>♦ Coop. Ed., Community/Volunteer Service, Travel Study, Work Experience, Service Learning (5 cr. Max)</li> </ul>	
<ol style="list-style-type: none"> <li>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 admission into a university or a teacher education program.</li> <li>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.</li> <li>3) Students should contact the 4-year schools where they plan to apply and confer with those advisors regarding application deadlines, any special requirements for the Teacher Education Program, and for General College Admissions.</li> </ol>		