

Statewide Associate in Math Education DTA/MRP Agreement
June 2003
MRP Agreement Format Fall 2008

This agreement was originally developed in 2003, prior to the MRP agreement process. It was developed and applicable to students planning to prepare for teacher certification in secondary math Central Washington University (CWU), Eastern Washington University (EWU), Western Washington University (WWU), and Washington State University (WSU). Since that time City University has also signed onto this agreement.

This agreement meets all course requirements of Washington's Direct Transfer Agreement and the course requirements for admission to teacher preparation in math education at CWU, EWU, WWU, WSU and City U.

Community colleges agree:

- To offer the Associate in Math Education DTA/MRP each college must assure that the courses listed in their DTA/MRP for each prerequisite requirement of this agreement are regarded as course equivalents to the similar required lower division course offered by each baccalaureate institution party to the agreement.
- When community colleges list the Associate in Math Education DTA/MRP in their catalog they will specify the courses that are consistent with this agreement.
- When community colleges award the Associate in Math Education DTA/MRP colleges will designate completion as follows for clarity on the transcript and use by SBCTC for tracking reporting purposes:
 - Assoc in Math Ed DTA/MRP Exit Code G and no EPC code (or a local choice EPC beginning in alpha and followed by numbers) SBCTC will report graduates under CIP 13.1311
- If community colleges find that changes to these MRPs are needed, they will notify the Instruction Commission, which will, in turn, notify the Joint Access Oversight Group (JAOG). JAOG will review the changes consistent with review process described on the JAOG web site <http://www.sbctc.ctc.edu/college/e-transferjaog.htm>
- The published associate degree listing will include advice to students about contacting potential transfer institutions regarding their interests and specific course choices where options are listed.

The participating baccalaureate institutions agree:

- Students completing the specified DTA, if admitted to the university, will be admitted as juniors with all prerequisites courses for entry into secondary math teacher preparation completed.

- Students completing the specified DTA, if admitted to the university, will be regarded as having completed the lower division general education courses to the same extent that all DTA graduates have completed those requirements (that is completed except for the provisos).
- Baccalaureate institutions will apply the 90 credits quarter credits required under this agreement to the credits required in the bachelor's degree, subject to institutional policy on the transfer of lower division credits.
- Should any baccalaureate institution not require lower division courses specified in these agreements, the institution agrees to accept those courses as lower division electives or, at their discretion, as an equivalent to an upper division requirement.
- Baccalaureate institutions will each build an **alert mechanism** into their curriculum review process for changes related to the prerequisites for transfer to secondary teacher preparation in secondary mathematics.
 - The alert will go to the institution's or sector's JAOG member.
 - If the proposed change will affect lower division course taking, the JAOG member will bring the issue to JAOG attention for action to review or update this Major Related Program agreement.
- Prior to making changes in the admission requirements, institutions agree to participate in the JAOG-designed **review process** and to abide by the related implementation timelines (review process posted on the JAOG web site <http://www.sbctc.ctc.edu/college/e-transferjaog.htm>).
- This statewide process applies only to changes¹ in the requirements for admission to the major. References to changes do not include changes in graduation requirements that are completed at the upper division or the GPA an institution may establish for admission to a program.

JAOG agrees:

- JAOG will notify the Higher Education Coordinating Board (HECB) of the review and of subsequent changes made to the agreement.

¹ As judged by impact on students. This statewide process is called into play when potential majors need to complete specific courses not previously identified or present test results or information not included in the agreement.

Associate in Math Education DTA/MRP

Generic DTA Requirements	Associate in Math Education DTA/MRP
<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>Teacher preparation programs typically require a higher minimum overall GPA than the minimum 2.00. Further, <i>WAC 180-82A-204</i> endorsement requirements state that “Only course work in which an individual received a grade of C (2.0) or higher or a grade of pass on a pass-fail system of grading shall be counted toward the course work required for the approved endorsement program.” Consequently teacher preparation programs set a minimum GPA on the courses specified in this agreement.</p> <p>Each institution establishes minimum grade-point average requirements for the overall degree and for the specified course. Students are to be encouraged to check with their potential future institution regarding GPA minimums. Students need to also know that meeting the minimum requirements does not guarantee admission.</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>90 total credits</p>
<p>A. Basic Requirements 1. Communication Skills (10 credits) 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>1. Communication Skills (10 credits) 5 quarter credits English composition (equivalent to ENGL& 101 English Composition 1²)</p> <p>5 quarter credits of a second English composition course (equivalent to ENGL& 102 English Composition 2 <u>or other courses</u> colleges identify as meeting their DTA communication skill requirement).</p>
<p>2. a. Quantitative/Symbolic Reasoning Skills (5 credits) 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>2. Quantitative/Symbolic Reasoning Skills (5 credits) 5 quarter credits Calculus I or higher (equivalent to MATH& 151 or higher)</p>

^{2 2} Discipline abbreviations, numbers and courses numbers are based on the CTC Common Course Numbering System – see <http://apps.sbctc.ctc.edu/ccn/>. The CCN System, designed to smooth transfer within the CTC system, will be in use for students enrolled in 2008-09. The website provides a look-up crosswalk to the courses at each college currently regarded as equivalent to the CCN course.

<p>b. Intermediate Algebra Proficiency All students must be proficient in intermediate algebra.</p>	<p>Proficiency</p>
<p>3. Humanities¹ (15-20 credits) 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: Art Music History² Philosophy² Foreign Language/ASL⁴ Speech Drama/Theater Literature</p>	<p><u>Humanities - 15 credits</u></p> <p>5 quarter credits introductory speech (introductory speech or public speaking) (course equivalent to CMST& 101 Introduction to Communication or CMST& 220 Intro to Public Speaking)</p> <p>10 additional credits in other humanities classes</p>
<p>4. Social Sciences¹ (15-20 credits) Selected from at least two disciplines. No more than 10 credits allowed from any one discipline. Suggested disciplines include³: History² Philosophy² Anthropology Political Science Economics Geography Psychology Sociology</p>	<p><u>Social Science 15 credits</u></p> <p>5 quarter credits introductory psychology (equivalent to PSYC& 100 General Psychology)</p> <p>10 additional quarter credits in social science (recommend a course with multicultural focus)</p>
<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: Astronomy Geology Biology Botany Mathematics² Chemistry Physics</p>	<p><u>Natural Sciences 15 credits:</u></p> <p>5 quarter credits Calculus II (equivalent to MATH& 152)</p> <p>10 quarter credits in sciences including at least 5 credits with lab</p>
<p>6. Major Specific Course Work</p>	<p><u>Major Specific Course Work 20 credits</u></p> <p>10 quarter credits in higher level Calculus (equivalent to MATH& 153 Calculus III or MATH& 163 Calculus 3 AND MATH& 254 Calculus IV or MATH& 264 Calculus 4)</p> <p>5 quarter credits in Linear Algebra</p> <p>The baccalaureate institutions will accept 5 quarter credits of education-specific professional introduction coursework, if the coursework meets the following Washington endorsement competencies for Teachers:</p> <ul style="list-style-type: none"> - an exploration of the historical, philosophical and social aspects of secondary education - an evaluation from the field site supervisor observing the student's work with children

	<p>- awareness of the certification process in the state of Washington (Course equivalent to EDUC& 205 Intro to Education with Field Experience)</p>
<p>7. <u>Electives</u></p>	<p><u>Electives 10 credits</u></p> <p>10 credits of Pre-Calculus, if needed, serves as elective credit (equivalent to MATH& 141 and 142 Pre-calculus I, II)</p> <p>A maximum of 10 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.</p>

SIGNATURES

Associate in Math Education DTA/MRP

Participants to the Agreement

This agreement was developed by leaders in the public baccalaureate and community and technical college system in 2003 before the formation of the Joint Access Oversight Group (JAOG). It was approved by action of the chief academic officers and teacher education deans of the public baccalaureate institutions and the Instruction Commission representing the chief academic officers of the public community and technical colleges.

Approved by the **Instruction Commission, on behalf of the Washington State Community and Technical Colleges** on May 2003

The following signatures are being gathered in fall 2008 for those Baccalaureate Institutions party to the 2003 agreement:

_____ **Date** _____ **Date** _____
Dean, Central Washington University **Provost/Chief Academic Officer, Central Washington University**

_____ **Date** _____ **Date** _____
Dean, Eastern Washington University **Provost/Chief Academic Officer, Eastern Washington University**

_____ **Date** _____ **Date** _____
Dean, Washington State University **Provost/Chief Academic Officer, Washington State University**

_____ **Date** _____ **Date** _____
Dean, Western Washington University **Provost/Chief Academic Officer, Western Washington University**

 _____ **Date** 10/23/08  _____ **Date** 10/25/08
Dean, City University **Provost/Chief Academic Officer, City University**

These baccalaureate signatures are kept on file at the Higher Education Coordinating Board for CWU, EWU, WSU , WWU and City U.