

## AAT Mathematics Alignment with CSU Secondary Mathematics Program

**CSU Secondary Mathematics Program alignment with AAT:** The first column indicates the courses taken at the community college for the AAT. The second column indicates CSU's requirements. The last column represents what must be taken at CSU to complete the baccalaureate degree requirements. In some cases, additional coursework taken beyond the AAT requirements may be accepted as transfer credit. Please confer with the Office of Teacher Certification for clarification.

AAT Model Requirements		CSU/Mathematics Sec Ed Requirements		Courses Needed at CSU	
(60-64 semester hours)	Hours	(125 semester hours)	Hours		Hours
		<b>Entrance Placement Exams*</b>		Individual courses may require a placement exam.	
<b>Gen Ed—Communications</b>	<b>9</b>	<b>Gen Ed—Composition + Speech</b>	<b>9</b>		<b>0</b>
Comp I		ENG 127 (Comp I)	<b>3</b>		
Comp II		ENG 128 (Comp II)	<b>3</b>		
Oral Communications		CMAT 113/203 (Speech)	<b>3</b>		
<b>Gen Ed—Humanities &amp; Fine Arts</b>	<b>9</b>	<b>Gen Ed—Humanities</b>	<b>12</b>		<b>3</b>
Humanities		Eng 126 (Lit)/Humanities Elective	<b>3</b>		
Fine Arts		Art 101/Mus 134/Humanities Elective	<b>3</b>		
Foreign Language I or II		Foreign Lang I & II	<b>6</b>	Yes [Transfer Possible]	<b>3</b>
<b>Gen Ed—Physical and Life Sciences</b>	<b>7-8</b>	<b>Gen Ed—Natural Sciences</b>	<b>12</b>		<b>6</b>
Physical Science		Phy Sci 114 (Earth Sci) or Geog 131 (Intro. Phys. Geog.)	<b>3</b>		
		Phy Sci 110/113/115 Elective	<b>3</b>	Yes [Transfer Possible]	<b>3</b>
Life Sciences		Bio 107/151 (Bio I)	<b>3</b>		
		Bio 108/152 (Bio II)	<b>3</b>	Yes [Transfer Possible]	<b>3</b>
<b>Gen Ed—Social &amp; Behavioral Sciences</b>	<b>9</b>	<b>Gen Ed—Social Sciences***</b>	<b>15</b>		<b>6</b>
American Nat'l Gov't		POL SCI 101 (Am. Nat'l Gov't)	<b>3</b>		
Intro to Psychology		PSYC 141 (Intro to Psych)	<b>3</b>		
Child Psychology		PSYC 204 (Child Psych)	<b>3</b>		
		Geog 101 / Non-Western or Third World Culture Elective***	<b>3</b>	Yes [Transfer Possible]	<b>3</b>
		HIST 130 or 131 (U.S. History I or II)	<b>3</b>	Yes [Transfer Possible]	<b>3</b>

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<b>Gen Ed—Mathematics</b>	<b>3-6</b>	<b>Required Math Support Courses**</b>	<b>6</b>		<b>3</b>
Linear Algebra		Math 201 (Linear Algebra)	3		
		CPTR 141 (Programming)	3	Yes [Transfer Possible]	3
<b>Major Area—Major Courses</b>	<b>9-15</b>	<b>Required Major Area Courses****</b>	<b>38</b>		<b>26</b>
Calculus I		Math 261 (Calculus I)	4		
Calculus II		Math 262 (Calculus II)	4		
Calculus III		Math 263 (Calculus III)	4		
		Math 180 (Intro. Mathematics Professions)	1	Yes	1
		Math 315 (Intro Statistics)	4	Yes [Transfer Possible]	4
		Math 342 (Geometry I)	3	Yes	3
		Math 345 (History of Mathematics)	3	Yes	3
		Math 356 or 358 (Intro Complex/Real Variables)	3	Yes	3
		Math 361 (Intro Modern Algebra)	3	Yes	3
		Math 392 (Mathematics Seminar)	3	Yes	3
		Math Elective I	3	Yes	3
		Math Elective II	3	Yes	3
<b>Professional Education</b>	<b>3-9</b>	<b>Professional Education</b>	<b>30</b>		<b>22</b>
Intro to Teaching		ELCF 152 (Intro to Teaching)	2		
Educational Psychology		PSYC 206 (Educational Psychology)	3		
Students w/Disabilities in Schools		S ED 301 (Characteristics of Exceptional Children)	3		
<b>Pass Basic Skills Test</b>		<b>Pass Basic Skills Test</b>			
		PE 204 (Health/Physical Development)	3	Yes	3
		ELCF 200 (History Education)	3	Yes [Transfer Possible]	3
		S ED 303 (Teaching Students w/ Exceptional Needs)	2	Yes	2
		ELCF 353 (Principals of Secondary Education)	2	Yes	2
		READ 306 (Content Reading for Secondary Ed)	2	Yes	2
		Math 092 (Mathematics Content Exam Preparation)	0	Yes	0

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		Math 363 (Methods of Secondary Teach.)	<b>3</b>	Yes	<b>3</b>
		<b>Pass Mathematics Content Test</b>		Yes [Prior to Student Teaching]	
		CAS 363 (Classroom Management)	<b>1</b>	Yes	<b>1</b>
		Math 375 (Student Teaching)	<b>6</b>	Yes	<b>6</b>
		<b>Pass APT</b>		Yes [Prior to Graduation]	
		<b>Evidence of Professional Disposition</b>		Yes [Continuous Assessment]	
	<b>60-64</b>	<b>Total Hours</b>	<b>125</b>		<b>72</b>

\* Entrance exams include: Reading, Math, English, IL Constitution. Successful completion of Math Exam is a prerequisite for non-remedial courses in Math, Chemistry and Physics.

\*\* Some of the math taken for AAT may be substituted for listed requirements with permission of the department.

\*\*\* At least one 3 hr. course must be non-western or third world culture. See College of Ed. approved list.