

# AAOT FLIGHTPATH IN MATHEMATICS

## Program Description

For students who want an AAOT with a focus in Mathematics, this Flightpath in Mathematics is the recommended path for these students to follow by Umpqua Community College.

The Associate of Arts Oregon Transfer (AAOT) degree was created in the late 1980s, through collaboration between Oregon community college faculty and Oregon public university faculty, to reduce bureaucratic obstacles for students transferring from an Oregon community college to a public university in Oregon. Local variation in the requirements to earn AAOT degrees at different community colleges was not a problem because all of the degrees transferred smoothly to the universities. Increasingly, however, the degree has been used by students transferring among community colleges and, in these cases, distinctive requirements sometimes reduced transferability. Recognizing the fundamental purpose of the degree, community colleges agreed in 2008 to standardize their AAOT degree requirements so as to maximize the efficient transfer of credit for students. Community colleges will maintain lists of courses which fulfill the requirements of the revised, freely-transferable degree below. Beyond the requirements listed, past experience suggests the utility of some additional explanation of what the degree can and cannot provide. Students and advisors should be aware of the opportunities created by the AAOT, but should also be mindful of its limitations, as summarized in the explanatory notes that follow the description of the degree itself.

Any student having the Associate of Arts Oregon Transfer (AAOT) degree recognized on an official college transcript will have met the lower division General Education requirements of baccalaureate degree programs of any public university in Oregon.

## Program Course Recommendations

Course	Title	Credits
<b>First Year</b>		
<b>First Term</b>		
HPE 295	Wellness-Hlth Assess	3
MTH 251	Calculus I	5
PSY 201Z	Introduction to Psychology I <sup>1</sup>	4
WR 121Z	Composition I	4
<b>Credits</b>		<b>16</b>
<b>Second Term</b>		
CS 161	Computer Science I <sup>2</sup>	4
MTH 252	Calculus II	4
MTH 231	Elem Discrete Math I	4
WR 122Z or WR 227Z	Composition II or Technical Writing	4
<b>Credits</b>		<b>16</b>
<b>Third Term</b>		
CS 162	Computer Science II <sup>2</sup>	4
COM 111Z or COM 218Z	Public Speaking or Interpersonal Communication	4
MTH 253	Calculus III	4
MTH 261	Intro to Linear Algebra	2
<b>Credits</b>		<b>14</b>

<b>Second Year</b>		
<b>First Term</b>		
ENG 104Z	Introduction to Fiction <sup>4</sup>	4
HST 104	World History <sup>1</sup>	3
MTH 254	Vector Calculus I	4
PH 211	General Physics w-Calculus I <sup>3</sup>	5
<b>Credits</b>		<b>16</b>
<b>Second Term</b>		
ART 205	History of Western Art II <sup>4</sup>	4
HST 105	World History <sup>1</sup>	3
MTH 256	Differential Equations	4
PH 212	General Physics w-Calculus II <sup>3</sup>	5
<b>Credits</b>		<b>16</b>
<b>Third Term</b>		
ENG 105Z	Introduction to Drama <sup>4</sup>	4
MTH 265	Statistics-Scientists-Engineer	4
PH 213	General Physics w-Calculus III <sup>3</sup>	5
SOC 204	Intro to Sociology <sup>1</sup>	3
<b>Credits</b>		<b>16</b>
<b>Total Minimum Credits</b>		<b>94</b>

<sup>1</sup> Any AAOT approved Social Science course can be substituted

<sup>2</sup> Any AAOT approved elective course can be substituted

<sup>3</sup> Any AAOT approved Science course can be substituted- 3 of 4 must include a lab

<sup>4</sup> Any AAOT approved Arts and Letters course can be substituted- one must include a cultural literacy component

Advising Notes:

- Oregon colleges may have different preferences, please meet with your advisor to determine the right path for you.