

# EXPLORE TRANSPORTATION, INDUSTRIAL TRADES, AND APPRENTICESHIP - ASSOCIATE OF GENERAL STUDIES (AGS)

## Description

Explore Transportation, Industrial Trades and Apprenticeship Associate of General Studies (AGS) is designed for students who wish to explore their options in the fields of Automotive, Aviation, Pre-Apprenticeship, and Manufacturing Technology. The AGS introduces students to careers, skill sets required for employment, hands-on learning opportunities, and degree pathways within each program. Ideally, students in this degree will choose a more specific field of study within their first year. It is important for a student to work closely with an academic advisor in designing a course plan.

## Statewide General Education Student Learning Outcomes

Please see the [General Education page](#) for statewide general education student learning outcomes.

## Entrance Requirements

While this degree has no formal entrance requirements, individual courses may have prerequisites which must be met before enrollment.

## Course Requirements

Course	Title	Credits
<b>General Education/Foundation</b>		
Digital Literacy:		
CIS 120	Computer Concepts (or pass competency exam)	0-4
<b>Health:</b>		
Choose 4 credits <sup>1</sup>		4
<b>Math:</b>		
Choose one course from either the general education mathematics list or the related instruction computation list. <sup>2</sup>		4
<b>Oral Communication:</b>		
Choose one course		3-4
<b>Writing:</b>		
WR 121Z	Composition I	4
Choose one of the following: <sup>3</sup>		4
BA 214	Business Communications	
WR 122Z	Composition II	
WR 227Z	Technical Writing	
<b>General Education/ Discipline studies</b>		
<b>Arts and Letters:</b>		
Choose one course from the disciplines studies list		3-4
<b>Science/Math/Computer Science:</b>		
Choose one course from the disciplines studies list		3-5
<b>Social Science:</b>		
Choose one course from the disciplines studies list		3-4
<b>Cultural Literacy:</b>		
Choose one course from the disciplines studies list		3-4
<b>Electives</b>		

Choose any course numbered 100 or above that brings the total credits to 90 quarter hours. 59

**Total Credits** 90-100

- <sup>1</sup> HHPA activity courses (1 credit each) are not to be duplicated.
- <sup>2</sup> Choose one math course from either the [general education mathematics list](#) or the [related instruction computation list](#).
- <sup>3</sup> WR 122Z Composition II and WR 227Z Technical Writing are designed as a sequence to follow WR 121Z Composition I. Consult with an advisor to determine the best selection between BA 214 Business Communications, WR 122Z Composition II, and WR 227Z Technical Writing.

## Advising Notes

Students have the opportunity to take the following courses to facilitate effective decisions about educational goals and college success.

- HD 110 Career Planning
- HD 100CS College Success

Interested in exploring Aviation, please contact the Aviation department about information sessions, requirement information and upcoming cohorts:

- [COCCAviation@cocc.edu](mailto:COCCAviation@cocc.edu)
- 541-318-3715

Interested in exploring Apprenticeship, you may want to consider:

- APR 100 Trade Skills Fundamentals
- APR 105 Building a Career in the Skilled Trades

Interested in exploring Automotive, you may want to consider:

- AUT 101 Basic Electricity for Automotive
- AUT 106 Automotive Program Orientation
- AUT 107 Mechanical Systems I
- AUT 110 Small Gas Engines
- AUT 115 College Success for Automotive Technology

Interesting in exploring Manufacturing, you may want to consider:

- MFG 100 Manufacturing Technology Orientation
- MFG 103 Introduction to Shielded Metal Arc Welding
- MFG 110 Manufacturing Processes I

## Performance Standards

- Academic Requirements:
  - Students must have a 2.0 cumulative GPA to earn a COCC certificate or degree.
  - All general education courses in the program must be completed with a grade of C or higher.

## Sample Plan

<b>First Term</b>	<b>Credits</b>
Elective	4
<u>Health:</u>	4
Math course	4
WR 121Z      Composition I	4
<b>Credits</b>	<b>16</b>
<b>Second Term</b>	
<u>Arts and Letters:</u>	3-4
Choose one from the following:	3-4
BA 214      Business Communications	
WR 122Z      Composition II	
WR 227Z      Technical Writing	
CIS 120      Computer Concepts	4
<u>Social Science:</u>	3-4
<b>Credits</b>	<b>13-16</b>
<b>Third Term</b>	
<u>Cultural Literacy:</u>	3-4
Elective	4
Elective	4
<u>Science/Math/Computer Science:</u>	3-5
<b>Credits</b>	<b>14-17</b>
<b>Fourth Term</b>	
Elective	4
Elective	4
Elective	4
<u>Oral Communication:</u>	3-4
<b>Credits</b>	<b>15-16</b>
<b>Fifth Term</b>	
Elective	4
Elective	4
Elective	4
Elective	4
<b>Credits</b>	<b>16</b>
<b>Sixth Term</b>	
Elective	3
Elective	4
Elective	4
Elective	4
<b>Credits</b>	<b>15</b>
<b>Total Credits</b>	<b>89-96</b>