



Associate in Science- Outcomes

Students will demonstrate outcomes in each of the following areas:

Communication:

After successfully completing the communication requirement, students will:

1. Demonstrate literal and inferential comprehension.
2. Communicate clearly and effectively in appropriate contexts.

Quantitative/Symbolic Reasoning

After successfully completing the quantitative skills requirement, students will:

1. Apply algebraic, analytic, geometric or statistical reasoning to solve abstract and applied problems appropriate to an individual discipline
2. Interpret mathematical, quantitative or symbolic models such as formulas, graphs and tables, and draw inferences from them
3. Employ basic symbolic or quantitative reasoning to support a position or conclusion

Humanities

After successfully completing the humanities distribution requirement, students will:

1. Demonstrate literal and inferential comprehension.
2. Communicate clearly and effectively in appropriate contexts.
3. Understand and interpret human achievements in various forms.
4. Analyze and synthesize meaning in verbal, visual and/or auditory media.

Social Science

After successfully completing the social science distribution requirement, students will:

1. Understand, articulate, and evaluate the similarities and differences between and among various social sciences.
2. Understand, articulate, and evaluate how various factors (e.g., social, personal/individual, historical, political, and economic) influence human behavior.
3. Understand, articulate, and evaluate the applicability of significant theoretical perspectives (e.g., conflict theory, feminist theory, cognitive behavioral theory) as they relate to contemporary social issues.
4. Identify, understand, evaluate, and apply research literature from multiple social science disciplines.

Science

After successfully completing the science distribution requirement, students will:

1. Understand the nature of science, including the role of observation in the development of scientific theories and laws;
2. Use the languages of science to interpret and communicate scientific information;
3. Use scientific knowledge to analyze and evaluate data and solve problems; and

4. Obtain and analyze experimental data.
5. Have met the prerequisites for related higher level science courses at baccalaureate institutions.

Health/PE Outcomes

After successfully completing the PE requirement, students will:

1. Understand and articulate the various elements of fitness (e.g., cardiovascular endurance, strength, flexibility, body composition).
2. Understand, articulate, and evaluate how various factors (e.g., genetics, diet, activity) promote health and wellness.
3. Understand and practice safe workout practices.
4. Identify, understand, evaluate, and apply appropriate fitness strategies (e.g., diet, exercise).

NOTE:

- The Associate in Science (AS) degree is intended for the student planning to transfer to a four-year institution to pursue a professional or pre-professional program. The AS does not meet ICRC transfer degree requirements and credits earned at GHC will transfer on a course by course basis. Junior standing is not guaranteed nor is admission to the major.