

## Natural Sciences Department Learning Outcomes

1. Students will communicate effectively.
2. Students will use critical thinking.
3. Students will demonstrate the application of scientific technology.
4. Students will express quantitative and qualitative scientific knowledge.

## Medical Coding Certificate Program Learning Outcomes

1. Students will communicate effectively.
  - Students will employ vocabulary pertinent to medical coding.
  - Students will evaluate science periodicals and use peer-reviewed sources of literature.
2. Students will use critical thinking.
  - Students will apply the Official Guidelines for Coding and Reporting.
  - Students will assess health records content and compare regulatory agency requirements.
3. Students will demonstrate the application of scientific technology.
  - Students will use health information management software to select codes and calculate payments.
  - Students will utilize current technology to collect, analyze, and present data.
4. Students will express quantitative and qualitative scientific knowledge.
  - Students will demonstrate knowledge of human anatomy and physiology.
  - Students will compare human health and disease states.