

SKILLS YOU DEVELOPED WITH YOUR DEGREE?

COMMUNICATION SKILLS

The ability to communicate ideas clearly and efficiently in a variety of mediums (written, oral, visually and electronically).

PROBLEM SOLVING

Use critical thinking skills to evaluate and solve problems.

Demonstrate the ability to be creative and innovative in identifying solutions.

PERSONAL MANAGEMENT SKILLS

Able to work effectively and independently under deadlines.

Plan, design, and carry out projects from start to finish with well defined objectives and outcomes.

INFORMATION MANAGEMENT

Locate, gather, and organize information using technology and information systems.

Use research skills to access, analyze, and apply knowledge.

TEAMWORK SKILLS

Able to work effectively within a team.

Demonstrate the ability to lead or support a team while monitoring the success of project and identifying ways to improve it.

ETHICS AND VALUES

The ability to take into consideration the costs, benefits, and impact of projects on the individuals involved and society in general.

WHAT CAN YOU DO WITH YOUR DEGREE?

PHYSICIST

Conducts research into theoretical areas like the nature of time and the origin of the universe as well as more practical areas like the development of electronic and optical devices.

SEISMOLOGIST

Study earthquakes and other vibrations in the earth using seismographs and computers to generate models of the vibrations. Collect and track data about earthquakes to predict future earthquakes. Works for universities, governments, and in the petroleum industry.

GEOPHYSICIST

Study of the physical nature of the earth from the core to the atmosphere. Use gravitational, electromagnetic, and seismic methods to study earth quakes, the earths rotation, and atmospheric conditions.

HEALTH PHYSICIST

Make sure that proper precautions are taken around particle accelerators, x-ray machines, nuclear reactors, and other sources of radiation that is used in medical research and therapy. Works for hospitals, research labs, and defense plants.

NANO TECHNOLOGY RESEARCHER

Manipulate atoms and subatomic particles. They are able to arrange single atoms with such precision that the end result is a tiny functioning product. Work for government labs, universities, and large research and development organizations.

SPACE MARKETER

Sell space products such as satellites and earth imaging systems. They write proposals to customers to tell them how they can benefit from using new space technology. Work for large aerospace corporations.