



Program: Biology

Generic Employability Skills

- **Communication Skills**
 - understand and speak the language of the trade/occupation
 - listen, read, write and speak effectively in work settings
- **Technical Skills**
 - use technology, tools and information systems effectively
 - access and apply skills required in specific fields
- **Thinking Skills**
 - solve problems and make appropriate decisions
 - understand and solve problems involving mathematics and/or logic
- **Personal Management Skills**
 - display:
 - confidence and self-esteem
 - honesty, integrity and personal ethics
 - positive attitude toward learning and personal health
 - initiative, energy and persistence to get the job done
 - creativity and flexibility
 - accountability for actions taken
 - recognition of and respect for diversity and individual differences
- **Teamwork Skills**
 - respect the thoughts and opinions of others in the group
 - use "give and take" to achieve group results
- **Computer Skills**
 - keyboard efficiency
 - perform tasks requiring knowledge of specific software package (name software)
 - perform complex data or text entry requiring in-depth knowledge of a software package
 - performs research tasks using Internet
- **Languages Spoken/Written Fluently**
 - English, Latin/Greek helpful

Program Specific Skills

- Aseptic lab technique
- Safety
- Cell structure
- General biochemistry
- Dissection techniques
- Data analysis
- Field Studies
- Communication skills
- Cooperative lab skills
- Sample Analysis
- Slide Preparation
- Ethics
- Fetus pig dissection
- Grasshopper dissection
- Frog dissection
- Respiratory system
- Digestive system
- Reproduction
- Ecosystems
- Urinary system
- Evolutionary change
- Proteins (synthesis)