



Middle Georgia

New Course Approval Form

Handwritten notes and signatures in the top right corner.

Instructions: All course proposals must be signed by the Chair and Dean and submitted to the Office of Academic Programs.

Faculty: [Redacted]

Submission Date: 4/24/16

[Redacted section]

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[Redacted section]

[Redacted section]

1. The student will be able to identify the major components of a cell and describe their functions.

2. The student will be able to explain the process of photosynthesis and cellular respiration.

3. The student will be able to describe the structure and function of the major organs of the human body.

4. The student will be able to identify the major components of the human nervous system and describe their functions.

5. The student will be able to explain the process of cell division and the role of DNA in heredity.

6. The student will be able to describe the structure and function of the major organs of the human reproductive system.

7. The student will be able to identify the major components of the human immune system and describe their functions.

8. The student will be able to explain the process of evolution and the role of natural selection.

9. The student will be able to describe the structure and function of the major organs of the human endocrine system.

10. The student will be able to identify the major components of the human circulatory system and describe their functions.

11. The student will be able to explain the process of osmosis and the role of water in life.

12. The student will be able to describe the structure and function of the major organs of the human respiratory system.

13. The student will be able to identify the major components of the human digestive system and describe their functions.

14. The student will be able to explain the process of protein synthesis and the role of enzymes.

15. The student will be able to describe the structure and function of the major organs of the human urinary system.

16. The student will be able to identify the major components of the human skeletal system and describe their functions.

17. The student will be able to explain the process of muscle contraction and the role of ATP.

Are any special course fees associated with this course? Yes No

If yes, explain the need for fees:

Note: All fees are subject to approval by institution and/or SLU/USIB/USC prior to implementation.

What additional resources are needed to implement this course? Check all that apply:



Additional comments:

<https://www.slcc.edu/academic-affairs/academic-programs/graduate-programs/online-masters-of-science-in-education/>

202400004

Course Name: Critical Infrastructure Cyber Security – IEC-101

Hours: 3

Course Description

This course is an introduction to the world of critical infrastructure cyber security.

The course covers the following topics:

- Introduction to Critical Infrastructure Cyber Security
- Understanding the Threat Landscape
- Identifying Critical Infrastructure
- Assessing Vulnerabilities
- Implementing Security Measures
- Incident Response and Recovery
- Legal and Policy Considerations
- Future Trends and Challenges

TBD

Week 1	Introduction to critical infrastructure security and resilience
Week 2	Achieving critical infrastructure resilience
Week 3	Critical infrastructure security and resilience authorities, roles, and responsibilities: federal, state, local, tribal, territorial (fsltt), and private sector
Week 4	Organizing, partnering, and networking to share information
Week 5	Critical infrastructure security and resilience: the role of the private sector