

CUMBERLAND COUNTY COLLEGE

Course: FS 104 Science, Technology, Engineering and Math Seminar

Credits: 1

Prerequisites: None

Course Description:

STEM Seminar provides incoming students the opportunity to acquire academic survival skills, develop analytical and critical thinking skills, and develop an awareness of STEM related issues and career options in a variety of STEM majors.

Learning Outcomes:

Upon successful completion of this course, the student will be able to:

- Identify preferred learning style and utilize methodologies to forge and tether strength and weaknesses.
- Utilize strategies to enhance academic success (educational planning, goal setting, study skills, memorization techniques, reading comprehension, effective text book operation, time management, operation of course management systems).
- Demonstrate effective communication skills that promote academic success and enhance interpersonal relations.
- Articulate and defend a political, social, or ethical issue related to the STEM field.
- Evaluate and interpret data presented in a primary research article.
- Demonstrate proficiency in data presentation and science lab report writing.
- Use information resources to conduct an academic literature search.

Topical Outline:

- Self-Assessment
- Academic Success Skills
- Information Literacy
- Ethical and Diversity Issues
- Communications
- Analytical/Critical Thinking

Text:

Choosing Success, Atkinson, R. and Longman, D. McGraw Hill.

Student Assessment:

Assessment may be accomplished through projects, portfolios, exams, presentations and/or papers.

Academic Integrity:

Plagiarism is cheating. Plagiarism is presenting in written work, in public speaking, and in oral reports the ideas or exact words of someone else without proper documentation.

Whether the act of plagiarism is deliberate or accidental [ignorance of the proper rules for handling material is no excuse], plagiarism is, indeed, a “criminal” offense. As such, a plagiarized paper or report automatically receives a grade of **ZERO** and the student may receive a grade of **F** for the semester at the discretion of the instructor.

Available Resources:

If you are having difficulty with work in this class, tutoring is available through the Success Center. If you think that you might have a learning disability, contact Project Assist at 856.691.8600, x1282 for information on assistance that can be provided to eligible students.

Before Withdrawing From This Course:

If a student experiences adverse circumstances while enrolled in this course and considers withdrawing, s/he should see an advisor (division or advisement center) **BEFORE** withdrawing from the class. A withdrawal may cause harmful repercussions to completion rate standards and overall GPA which can limit or eliminate future financial aid in addition to causing academic suspension.