

This course is requested to satisfy the following Core Area(s) and/or overlay learning goals (select all that apply)

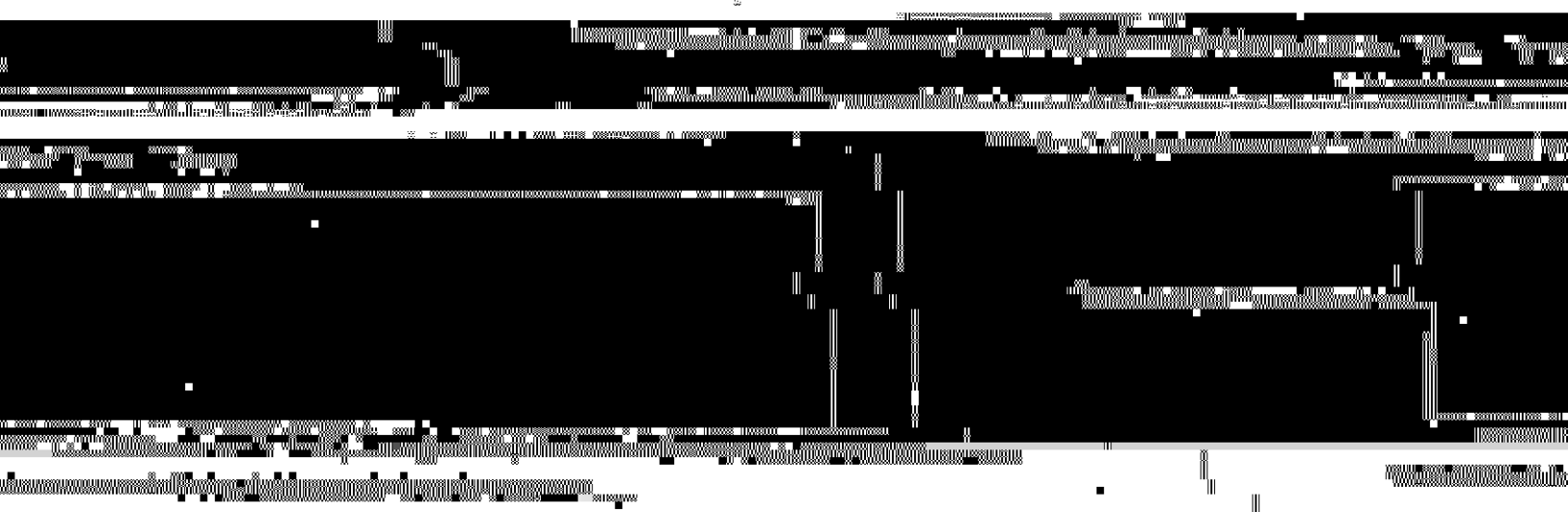
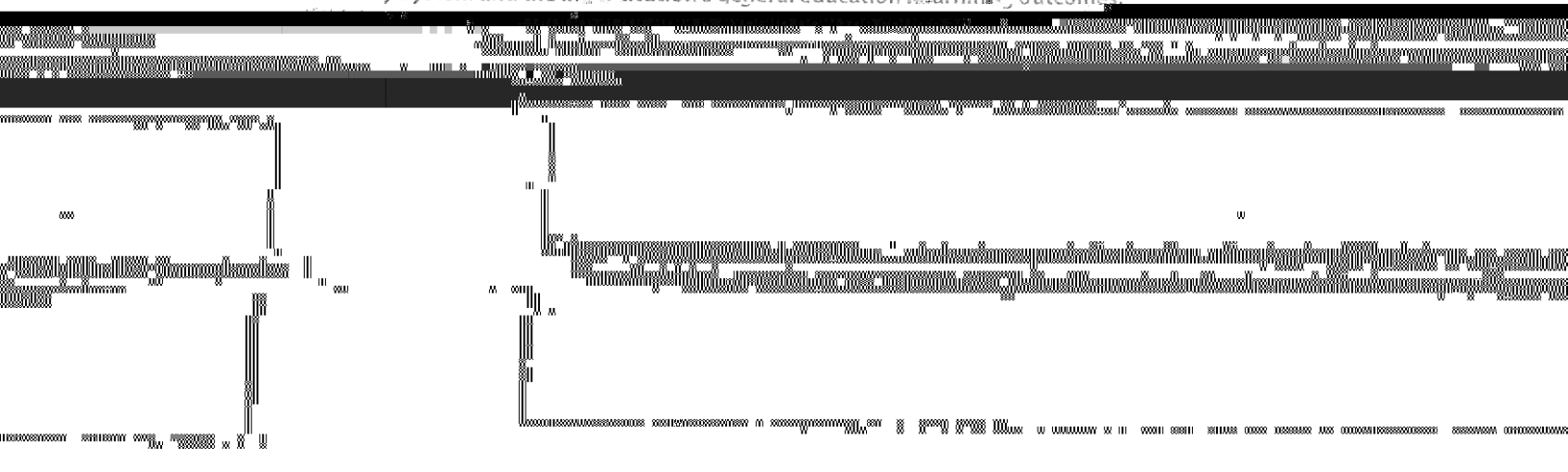
Area A1 (English): Students will demonstrate a collegiate competency to read critically and assess related ideas to well-learned

Area A2 (Mathematics): Students will demonstrate knowledge of quantitative analysis to solve quantitative problems using mathematical functions and concepts, and coherently express solutions in verbal, numerical, graphical, or symbolic forms

Area B (Institutional Options): Students will assimilate, analyze and present thoughts and opinions in oral forms. Students will demonstrate the abilities to analyze, or interpret evidence or arguments, in order to formulate and support new arguments or solve

Explain how this specific course fits with the center's overall mission

the University system and the institution's overall educational objectives





Instructor:
Email:
Office Hours:
Office Location:
Phone:

REQUIRED TEXTS: No Textbook Required

LEARNING OUTCOMES

Upon completion of this course, the student will:

- Identify the components of ATC, Flight, Maintenance, UAV's, Space Flight, and Aerospace Management Operations.
- Interpret and apply the components of good communication, computer literacy, and personal

Technical Policy: A plagiarism prevention service is used in evaluation of written work

submitted for this course. As directed by the instructor, students are expected to submit or have their assignments submitted through the service in order to meet requirements for this course. The papers may be retained by the service for sole purpose of checking for plagiarized content in future student submissions

Student Code of Conduct: The primary expectations of Middle Georgia State College students

TENTATIVE SCHEDULE: (Does not include holidays)

Week 1: Course Introduction

Syllabus Review, Introduction to Aviation

Week 2: CTOC Unit One: Elements of Critical Thinking
(Deliverables: Students will learn basic critical thinking language)

Week 3: CTOC Unit Two: Evaluating Arguments
(Deliverables: Students will learn to evaluate authority and legitimacy of source materials)

Week 4: CTOC Unit Three: Forming Arguments
(Deliverables: Students will learn to organize evidence and ideas to form conclusions)
Air Traffic Control

Week 5: CTOC Unit Four: Problem Solving
(Deliverables: Students will learn elements of basic logic and scientific reasoning)
Agriculture and Corporate Aviation

Week 6: CTOC Critical Thinking Exam
Charter Operations

Week 7: CTOC Unit Five: The Foundation of Aviation