

## Writing Assignment

*Due: Lesson 10*

**(75 pts)**

### Help Policy

**AUTHORIZED RESOURCES:** Any, except another cadet's program.

**NOTE:**

- Never copy another person's work and submit it as your own.
- Do not jointly create a program.
- You must document all help received from sources other than your instructor or instructor-provided course materials (including your textbook).
- **DFCS will recommend a course grade of F for any cadet who egregiously violates this Help Policy or contributes to a violation by others.**

### Objectives:

- Understand the historical significance of cryptography and its uses in warfare
- Apply the ethical ramifications of cryptography
- Practice your research and discovery skills
- Practice your technical writing skills

### Instructions:

In a 3-4 page essay, explain how cryptography was used by the United States in one of the wars of the last 2 centuries (excluding World War II).

It should contain 3 parts. First, describe the cryptographic methods and techniques used and whether they were successful or not. Second, describe our cryptanalysis efforts and what, if any, successes/failures it led to. Finally, find an example of a situation where a leader was put into an ethical dilemma caused by the use of cryptography.

Turn in a hard copy of your paper (typed and formatted) to your instructor along with a copy of the subsequent cut sheet. Use the cut sheet as a guide for how your paper will be graded.

A formal works cited page and parenthetical citations are required per MLA standards.

Name: \_\_\_\_\_ Section: \_\_\_\_\_

# WRITING ASSIGNMENT CUT SHEET 75 POINTS

## Turn-in Requirements

- \_\_\_\_\_ Cut sheet submitted and on top (-3 if not)  
 \_\_\_\_\_ Appropriate documentation submitted (-3 if not)

## Assignment Requirements

\_\_\_\_\_ (15 points) **Technical Writing Skills**

- Spelling and grammar
- Appropriate organization
- Level of sophistication commensurate with education level
- Use of the MLA standard

\_\_\_\_\_ (20 points) Part 1 – Cryptographic Techniques and Methods Used

- Quality of research – comprehensive, relevant, and accurate facts
- High “content-to-noise” ratio – avoids fluff

\_\_\_\_\_ (20 points) **Part 2 – Cryptanalysis Efforts**

- Quality of research – comprehensive, relevant, and accurate facts
- High “content-to-noise” ratio – avoids fluff

\_\_\_\_\_ (20 points) **Part 3 – Ethical Dilemma**

- Quality of research – comprehensive, relevant, and accurate facts
- High “content-to-noise” ratio – avoids fluff
- Insightful commentary on the ethical position the leader was placed in and the resulting options he/she was faced with

\_\_\_\_\_ **Total (75 points)**

## Documentation: