

COURSE: **Military Science and Aerospace**
TUTOR: **Mrs. Corey Telschow**
CELL PHONE: **(432) 528-1805**
EMAIL: **ctelschow@mcaknights.org**

Midland Classical Academy
Course Description
2026-2027



GENERAL DESCRIPTION

Military advancements and technologies help shape history. While not a traditional topic included in the classical education model, military science is one of the more fascinating facets of history, as military tactics determine not only what happens on the battlefield, but who wins the war. The scientific principles behind the weapons and equipment of war enable generals to succeed or fail, and it is the understanding of these principles that help determine the course of nation states. This will be a project-oriented and primary research course, so be ready to dig deeper into the people, places, tactics, and weapons that have shaped history's victors and losers since medieval times.

COURSE PURPOSE

The primary goal of the course is to prepare a student to encounter military topics in higher education and in life. To focus on this goal, we will cover a variety of topics including the ancient ideas regarding war, the history and development of weapons, key military figures and their contributions, basic engineering principles behind war machines, warfighting strategies (the good ones and the bad ones), and the future of warfare. It is hoped that students will have the opportunity to build models, play simulations, and explore some theories and expectations regarding future warfighting strategies and tactics.

COURSE OBJECTIVES

- Ultimately, the study of military science can lead a student to investigate how a true Christian's worldview can affect his actions as he strives to dominate his enemies and defend his interests. This will lead us to some fascinating topics and perhaps some tough questions. With the study of history comes ethical discussions about what is good, beautiful, and true in a world with war.
- It will be expected of each student to be fully prepared for each class meeting. This will be accomplished by reading the assigned sections and doing all the assigned homework.
- If a student is not present at a class to receive an assignment, it is the student's responsibility to get the assignment, either from the tutor or another student (the expectation of a fully completed assignment at the beginning of class includes students that have missed the previous class).

REQUIRED READING

All books and articles will be either provided electronically or directed by the tutor:

- *Battle Tactics of the American Revolution* (Elite Series, 238) by MacNiven
- Books TBD for personal reading and projects

SUPPLIES

- Bring a small binder or folder for assignments
- Map pencils (colored) for map projects
- Bible (can be electronic on phone)

In addition, students will need to choose and purchase:

- You will need a plastic model to be assembled – your choice (glue type, not snap together) but it must be approved by the tutor before building. Can be airplane, tank, ship, battle diorama, soldiers, canon, artillery, or any form of military hardware (yes, satellites count. No X-Wings please).
- One personal military related book for an individual project
- We will try to have one museum field trip. You will need to set aside some money for spending and maybe hotel (best just bring a parent).

GRADING

- **Homework**, class problems, and occasional tests - **70%** of a student's grade
- **Contribution**- **30%**

A note about Contribution Grades

*Contribution Grades primarily assesses four areas: a student's **preparation** for class, his **attitude** towards learning, his **contribution** towards learning during class-time, and his level of **engagement** during the class conversation.*

*A student's **respectfulness** towards God, his tutor, and peers is a prerequisite for a good Contribution Grade.*

Daily Contribution grades will be given for every hour of class. Typically, students are expected to earn 10 points per hour, but the tutor may adjust these values to better reflect the nature of the class time. Daily Contribution grades are not revisable.

Additional Contribution Grades such as Grammar Quizzes, Engagement Notes, etc. may be assigned as needed. All additional Contribution Grades are revisable for 70% of the original value, unless the tutor specifies otherwise.

MASTERY

- Mastery (M) is achieved by obtaining an 85% overall percentage in the class and a student is eligible to earn a Mastery with Honors (MH) for the course after obtaining a 92.5% average for both the first and second semesters and by completing an approved Mastery with Honors project of at least 20 hours.
- MCA utilizes a web-based grading program, RenWeb. This is a valuable tool for both parents and students to see grades, absences, tardies, contribution, assignments given/received, and also some brief descriptions of a student's conduct in class, and parents are strongly encouraged to use RenWeb on a regular basis as a way of keeping up with student progress.
- Extra Credit Policy: As this is a senior-level class, the tutor expects students to be responsible for their learning. Occasionally the tutor will offer a small amount of extra credit to the whole class, and the only requirement for earning these points is completing the assignment to the tutor's satisfaction.

REVISIONS

- Through revisions, a student can earn back 70% of the points lost on an assignment and may do revisions twice to regain all possible points. However, students are strongly encouraged to maintain awareness of revision deadlines (typically up to the next test date), after which point revisions will not be accepted.
- Revisions are due by the end of the school day on the posted date. If an assignment is handed in late, the points deducted for being late are not revisable.

LATE ASSIGNMENT POLICY

Assignments are due at the beginning of class, after which point, they are considered “late.” Until a late assignment is turned in, it is entered in the grade book as “missing.” I encourage any student with a MISSING grade to stop by the office and discuss what can be done. Missing grades left too long cannot be fixed.

TUTOR TARDY POLICY

Class will begin precisely at the scheduled time. A student arriving 30 minutes late may be marked as absent for the day. Feel free to text me if you will be late or miss a class and be sure to tell the front office too!

COMMUNICATION

- All students will be required to be members of a GROUPME text group so that rapid class communication can occur.
- Students may call or text me anytime with questions or problems!
- Please try to put all missed assignments on TEAMS and not via email/text.
- Do not wear earbuds or EarPods in class to avoid earning 0/10 Contribution points.

FIRST DAY ASSIGNMENT

Read this course description (always a good plan) and answer the First Day Questions.

NOTE: This is a senior level course. Gone are the days of the one-word scribbled responses on a ripped piece of notebook paper. Time to up your game and show everyone what you are made of as a student. Put in effort, be thorough, apply some brain cells in your answers! Your grades this year will reflect your attention to the little details and the quality of the product you submit!

Reach into the crevices of your intellect and answer these questions. You will turn these in after our class discussion:

- 1. What do YOU want to learn this year in this class?**
- 2. What do you think of when you think of “the military”?**
- 3. What are your plans for college and beyond? Does it involve military service?**
- 4. Name ONE thing about an MCA class that you were frustrated that you did not have time to delve deeper into? (For example: “In American History, WWI went by too fast for me.”)**
- 5. Would you enlist in Star Fleet? Why or why not?**
- 6. What do you think is the most interesting thing happening TODAY regarding the military?**
- 7. King George III: good king or villain? Explain your answer.**

MCA Schoolwide Policies

MCA ATTENDANCE POLICY

Absence: Parents must inform the school if their student will be absent for any reason. Call the Front Office or email attendance@mcaknights.org prior to the absence or on the morning of the absence. If a student is absent without prior notification by a parent, the school will call the parent to determine the validity of the absence. Call the office, 432-694-0995, or email attendance@mcaknights.org.

In the event an Upper School student is absent for more than one-fourth (1/4) of the class sessions during a semester, the student's parents must meet with the tutor and Head Administrator to determine whether the student will receive credit for the class. Additional and/or make-up work may be required.

Tardy Policy: Tardies will be marked at the discretion of the individual tutors. Students or parents should contact the individual tutors to report reasons for tardies as soon as possible.

Missed Assignment Due Date Guidelines: In the event of an absence, a due date extension will be given. The extension will not exceed the number of school days missed during the absence. Due dates will be established by the teacher or class tutor. Students must complete all work assigned during their absence. However, the teachers or tutors may, at their discretion, excuse the students from any portion of the assignments missed. Students will receive full credit for submitting assigned work. Note: It is the **student's responsibility** to find out what work was assigned. In the case of extended illness, it is recommended that the student or parents contact the tutors directly to find out what assignments were or will be missed.

MCA HONESTY POLICY

All students are assumed to be exhibiting the godly fruit of self-control. We anticipate working with students who are characterized by joy, honesty, and diligence. For this reason, upon enrollment, we require that each student affirm that he or she will maintain the highest standards of honesty and behavior in all work done for Midland Classical Academy. All students will be asked to sign the following.

Pledge of Academic Honesty

I have read and understand the Midland Classical Academy Code of Conduct. I pledge my honor, with God as my witness, to commit myself to the practice and preservation of these standards of academic honesty as long as I am a student of the academy.

As such, the following actions are considered serious violations of our Honesty Policy.

1. Directly copying someone else's work visually, orally, electronically or otherwise.
2. Use of disallowed devices on assignments such as notes, smartphones, books, etc.
3. Getting test questions or essential information from another student who has already completed an assignment that will later be taken, such as a test or quiz.
4. Any other activity that the tutor has explicitly described as cheating.

MCA MASTERY WITH HONORS (MH)

Midland Classical Academy offers honors credit, referred to as "Mastery with Honor", but we offer no "honors" classes.

Mastery with Honor credit for a class is given to those students who

- receive a minimum grade of 92.5 at the end of each semester

- receive a minimum contribution grade of 85 at the end of each semester
- demonstrate character befitting an honor student (1 Corinthians 10:31)
- complete a tutor-approved, 20+ hour project that advances the student's knowledge or skills in the subject while serving either the school or the community in some capacity.

As a student fulfills these requirements in a class at MCA, they receive a Mastery with Honor designated by an "MH" for the class. Mastery with Honor applications and a nominal fee are due at the end of October. The projects themselves are due at the end of March with two scheduled checkpoints in between the application and final deadline.