



Advanced Computation:  
Computational Electromagnetics

## Rules, Policies and Procedures

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### Outline

- The Textbook
- Grading
- Homework, Exams & Extra Credit
- MATLAB Codes
- Final Project

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# The Textbook

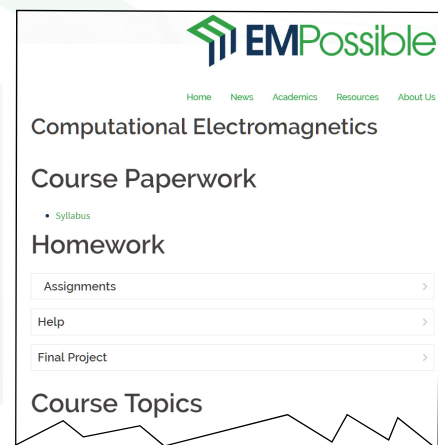
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## The Textbook

There is no official textbook for the class because no such textbook exists.

The “textbook” is therefore the course website.



**EMPossible**

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Computational Electromagnetics

Course Paperwork

- Syllabus

Homework

- Assignments >
- Help >
- Final Project >

Course Topics

<https://empossible.net/academics/emp5337/>

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Grading

Homework/Projects .....	50%	90% – 100% → <b>A</b>
Final Project .....	30%	80% – 89% → <b>B</b>
Participation .....	20%	70% – 79% → <b>C</b>
.....		60% – 69% → <b>D</b>
.....		0% – 59% → <b>F</b>

**HOMEWORK IS 50%  
OF YOUR FINAL GRADE!!!!!!!**

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# Homework, Exams & Extra Credit

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## Homework Rules

- Assigned on a weekly basis.
- Homework is very cumulative. It is not an option to miss a homework.
- Late Homework
  - -10% every day late.
  - Grade of zero after three days.
  - I need to distribute solutions as soon as possible.
- Homework is 50% of your final grade. The homework **IS** this class.
- **Do your own work. Do not copy from other students.**

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## Homework Format

- Must be a paper copy.
- Must have a cover page.
  - Name, course information, assignment #, date, etc.
- Put problems in the proper order.
- Be neat and well organized.
- Providing computer codes is optional.
- ***ALL CODES MUST GO INTO AN APPENDIX!***
- Construct homework as if you will need to relearn the material 10 years from now and have only your notes and homework.
- Stapled at upper-left corner with no additional binding.

## Exams

- All exams are take-home.
- Exams follow the exact same format and rules as the homework.
- Cannot provide help on an exam.

## Extra Credit?

No additional assignments will be given in this class for extra credit.

Extra credit is given in the following circumstances:

- You catch a mistake in the course materials.
- Your assignments go sufficiently above and beyond what is asked.

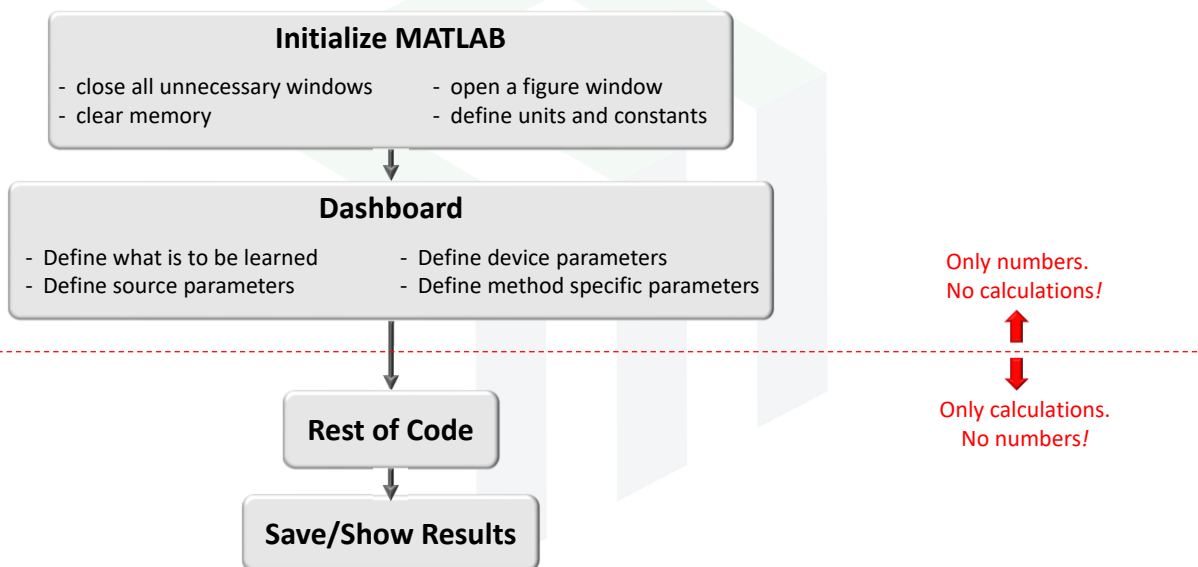
## MATLAB Codes

## Rules For Your MATLAB Codes

- You must use MATLAB for all homework and exams.
- Programs must follow the block diagrams in the class exactly.
- Codes must be neat, well organized, and well commented.
- Unless otherwise instructed, code must be a single program and NOT broken into separate functions.
- Try to use the same variable names as the notes and the instructor.
- Need help? If you are stuck and your codes follow ALL of the above rules, e-mail me your MATLAB code.
  - `rcrumpf@utep.edu`
  - Cannot provide help on exams.

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## Structure of the Ideal Code



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# The Final Project

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# The Final Project

- Purpose – to learn, practice, and share a topic outside of what was taught in class.
- Project should be summarized in Power Point.
  - Must be complete enough that another student from the class can reproduce your work if needed.
- Final Project = Final Exam
- Projects presented during the final exam period.
- May work alone or in teams, but teams must do proportionally more work.
- Must submit all electronic files to course instructor by 5:00pm day before your presentation.
- No late projects will be accepted.
- **Get started early!!**

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