

General Information

COURSE MEETINGS:

Section 1	MR 4:00-5:50 W 12:00-1:50	Russell Sage 3510 JEC 4107	Prof. Salon Staff
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Section 2	MR 12-1:50 W 2:00-3:50	Russell Sage 3510 JEC 4107	Prof. Salon Staff
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There are open shop periods when our staff has office hours in the studio. (see below) When projects are due and before quizzes, extra open shop hours may be added.

Quizzes:

There will be three quizzes given with time/date/class room to be announced. There will be no other office hours on quiz days.

Final:

The Final Exam schedule will be posted.

STAFF:

Faculty:

Sheppard J. Salon JEC 5018 x8296 salons@rpi.edu

Teaching Assistants:

TBA [email](#)
TBA [email](#)
TBA [email](#)

Secretary

Audrey Hayner JEC 6003 x6019 audrey@ecse.rpi.edu

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OFFICE HOURS :

To be announced

Note: It may be necessary to cancel my office hours from time-to-time due to travel or other department obligations. If this happens, you will be notified by email.

MAILBOXES:

Prof. Salon's mailbox is in JEC 6003

DO NOT put anything in the TA's mailboxes in JEC 6049. Those boxes are reserved for department use and are not to be used for course materials.

If you need to turn in an assignment outside of class, leave it with an ECSE secretary or slide it under Prof. Connor's door.

KEY DATES

25 September	Quiz 1	
1 October	Project 1 due	
30 October	Quiz 2	
20 November	Quiz 3	
12 November	Project 2 due	
TBD	Final Exam	Room: TBD

GRADING SUMMARY

Quizzes (3)	100 points each	300 points
Homework (Best 7 of 8)	20 points each	140 points
Projects (2)	50 points each	100 points
Final	200 points	200 points
Total		740 points

STUDIO FORMAT

The course is not being taught in studio format this term.

PRE-REQUISITES

PHYS-1200 Physics II

MATH-2400 Introduction to Differential Equations

ECSE-2010 Electric Circuits (co-requisite is OK)

MATH-2010 Multivariable Calculus and Matrix Algebra is not a pre-requisite, but it sure helps.

TEXT

REQUIRED

Fawwaz T. Ulaby, "Fundamentals of Applied Electromagnetics", Available in the bookstore. [Prof. Ulaby's webpage dedicated to his book.](#)

An electronic workbook, "[Visual Electromagnetics for Mathcad](#)" is available on the web. You'll need Mathcad software and the cheapest option is [Mathcad Explorer \(free\)](#)

K.A. Connor and S. J. Salon - Notes (Now available online through WebCT and as a CD)

OPTIONAL

H. M. Shey, "[Div, Grad, Curl, and All That,](#)" 3rd edition. Published by W.W. Norton. This book is available from several web bookstores (varsitybooks.com, amazon.com, NetStoreUSA.com and many others for from \$18-25.)

Joseph A. Edminister, "Theory and Problems of Electromagnetics," 2nd edition. Published by McGraw-Hill as part of their Schaum's Outline Series. This book is also available from several web bookstores and can be found at Borders and Barnes and Noble.

Syed A. Nasar, "2000 Solved Problems in Electromagnetics." Published by McGraw-Hill in their Schaum's Solved Problems Series. This book is out of print, but there is a copy in the ECSE lounge that you can use there.