

ECE1813 Electricity and Magnetism

Course Information – Fall 2015

(Last updated Sept. 17th, 2015)

Instructor	Section	Labs	Lectures	Tutorial
Name: W.E. Briggs Office Room #: GD114 Office Phone: 458-7274 e-mail: web@unb.ca	FR01A	Mon. 2:30 – 4:30 H200	M, W, F : 8:30 – 9:20 H-135	T 9:30 – 10:20 H-135

Course Text: *Physics for Scientists and Engineers, Volume 4, Third Edition*; by Randall D. Knight; Pearson Addison Wesley
The workbook no longer comes with the text as it has in the past. The text is available at the bookstore. You are expected to buy the text for this course.

Other Resource Materials: will be available on the ECE1813 course web site:
<http://www.ece.unb.ca/Courses/EE1813/WEB/>

Information about Marks

Assessment		Numerical to Letter Grade Conversion
Item	Percent of mark	
Quizzes	50	<p>The number to letter grade conversion is not required to be shown and the conversion used is at the discretion of the instructor. The number to letter grade conversion used in this course will not be published. This is to your advantage. If the conversion is published, we have no latitude for making adjustments when determining final grades.</p> <p>Note: Although there is no specific percentage of the final mark associated with the course elements marked “Required,” it is necessary to satisfy the requirements for each of those elements. The requirements are explained in this document.</p>
Assignments	Required	
Labs	Required	
Portfolio	10	
Attendance	Required	
Final Exam	40	
Total	100	

Class Attendance

Attendance in all classes and tutorials in this course is a requirement, as per Section 7, University-Wide Academic Regulations, Section I, General Course Regulations, sub-section A (*Class Attendance*), paragraph 1, of in the 2014-2015 UNB Undergraduate Calendar. In particular, note the following passage: “An instructor may assign a final grade of F in the course to a student who fails to meet any one of these requirements, including failure to maintain the stipulated attendance policy.” The policy is that those who miss six (6) or more classes and tutorials will be awarded a grade of F.

Lab Information:

Note: If you are repeating the course (that is, if you failed EE1713, EE1013, EE1813 or ECE1813), you **MUST** still do the labs. The requirement to repeat labs is a long-standing department policy and there are no exceptions!

Labs	Requirements and Information
Labs will be held from 2:30 – 4:30 in H200. This term they will be held on Monday.	<ol style="list-style-type: none"> 1. All lab experiments must be performed otherwise a grade of “F” will be awarded. 2. Lab manuals will be made available in PDF format for downloading from the ECE1813 web site. It is highly recommended that you print a copy of the lab manual, and you must print it at the normal page size, not reduced to two or more pages per sheet.

Labs	Requirements and Information
	3. The starting date for labs will be Sept. 21st. 4. Labs must be completed during the lab period. Labs are to be handed in before you leave. 5. A lab group will normally consist of two people. The group will submit one report for each experiment.

Student Portfolio:

Students are required to keep a portfolio. This is a 3-ring binder in which you keep a copy of the course syllabus, all of your assignments, labs, quizzes, and any other assigned work. *This is not an optional item; it is required to receive a grade in the course.*

Scheduled Quizzes

There will be six (6) scheduled quizzes given during the term. You must write at least five (5) of the quizzes or a grade of “F” may be awarded. If you write all six (6) quizzes, the five (5) highest quiz marks will be used to calculate your final grade. These quizzes are important as they constitute 50% of your final grade. Quizzes will be written on the following dates: Sept. 25th, Oct. 9th, Oct. 23rd, Nov. 6th, Nov. 20th, and Dec. 4th.

Final Exam

The final exam will: be of three (3) hours duration; will be scheduled by the registrar; cover the entire course, including anything done in the lab. You **must pass the final exam** in order to pass the course.

Deferred Exams

University regulations on deferred exams are described in the current on-line Undergraduate Calendar. All deferred exams in courses offered by the Department of Electrical and Computer Engineering are scheduled to be written on the fourth day of classes in the following term. There are no exceptions.

E-mail Communication Between Instructor and Student

E-mail is considered an official form of correspondence, but the volume and nature of e-mail has become an issue for faculty. In this course e-mail correspondence is to be conducted according to the *E-mail Protocol* available on the course web site. In this course the instructors prefer that you speak to them in person instead of sending e-mail.

Academic Integrity

The University of New Brunswick places a high value on academic integrity and has a policy on plagiarism, cheating and other academic offences.

Plagiarism includes:

1. quoting verbatim or almost verbatim from any source, including all electronic sources, without acknowledgement;
2. adopting someone else’s line of thought, argument, arrangement, or supporting evidence without acknowledgement;
3. submitting someone else’s work, in whatever form without acknowledgement;
4. knowingly representing as one’s own work any idea of another.

Examples of other academic offences include: cheating on exams, tests, assignments or reports; impersonating somebody at a test or exam; obtaining an exam, test or other course materials through theft, collusion, purchase or other improper manner, submitting course work that is identical or substantially similar to work that has been submitted from another course; and more as set out in the academic regulations found in the Undergraduate Calendar.

Penalties for plagiarism and other academic offences range from a minimum of F (zero) in the assignment, exam or test to a maximum of suspension or expulsion from the University, plus a notation of the academic offence on the student’s transcript.

For more information, please see the Undergraduate Calendar, Section B, Regulation VII.A, or visit <http://nocheating.unb.ca>. It is the student’s responsibility to know the regulations.