

**UNIVERSITY OF CALGARY
DEPARTMENT OF PHYSICS AND ASTRONOMY
COURSE INFORMATION SHEET**

1 Course: **Physics 455, Electromagnetic Theory II**

Lecture/Time/Session(s): L01:MWF 13:00-13:50, ST 027, Fall 2009

Instructor(s): Dr. B. Jackel

Office: SB 627, Phone: 403-220-8014

E-mail: bjackel@phys.ucalgary.ca

Office Hours: W 14:00-17:00

Main Physics and Astronomy Office: SB 605, 403-220-5385

2 **Prerequisite(s):** Physics 255 or 323 or 355: Applied Mathematics 309 or Mathematics 353.

Prerequisite or Co requisite: Applied Mathematics 413

Note: The Faculty of Science policy on pre- and co-requisite checking is outlined on page 203, columns 2 and 3 of the 2009-2010 Calendar. A student may not register in a course unless a grade at least "C-" has been obtained in each pre-requisite course; it is the responsibility of students to ensure that their registrations are in order.

3 The University policy on grading and related matters is described on pages 41-53 of the 2009 - 2010 Calendar. In determining the overall grade in the course the following weights will be used:

2 in-class tests (15% each)	30%	Grading Scheme:	80%-100% = A- to A+
Assignments	20%		70%-79% = B- to B+
Final Examination (3 hours)	50%		60%-69% = C- to C+
			50%-59% = D to D+
		<50% = F	

There will be a final examination scheduled by the Registrar's Office. A passing grade on the final examination is required in order to pass the course.

4 Missed Components of Term Work. The regulations of the Faculty of Science pertaining to this matter are outlined on page 204, column 1 of the 2009-2010 Calendar. It is the student's responsibility to familiarize himself/herself with these regulations.

TEXTBOOK: "Introduction to Electrodynamics", 3rd edition, by David Griffiths, Prentice-Hall, 1999.

Department Approval: _____ Date: _____

Associate Dean's Approval for out of regular class-time activity: _____ Date: _____

IMPORTANT/SAFEWALK: Campus Security will escort individuals day or night. Call 220-5333 for assistance. Use any campus phone, emergency phone or the yellow phones located at most parking lot pay booths.

Academic misconduct (cheating, plagiarism, or any other form) is a very serious offence that will be dealt with rigorously in all cases. A single offence may lead to disciplinary probation or suspension or expulsion. The Faculty of Science follows a zero tolerance policy regarding dishonesty. Please read the sections of the University Calendar under the heading "Student Misconduct (pages 49-53 for 2009-2010).

FOIP: This course will be conducted in accordance with the Freedom of Information and Protection of Privacy Act (FOIP). As one consequence, students should identify themselves on all written work by placing their name on the front page and their ID number on each subsequent page.

STUDENT UNION INFORMATION: VP Academic **Phone:** 220- 3911 **Email:** suvpaca@ucalgary.ca
SU Faculty Rep. **Phone:** 220 3913 **Email:** sciencerep@su.ucalgary.ca

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