



UNIVERSITY OF CALGARY
FACULTY OF SCIENCE
DEPARTMENT OF PHYSICS AND ASTRONOMY
COURSE OUTLINE

1. **Course:** ASTR 209, Introduction to Astronomy II – The Cosmos

Lecture Sections: L01 | TR 15:00 - 17:45 | ST 135

Dr. Borzumehr Toloui Semnani | 403-220-3041 | SB 130 | astr209.2015@gmail.com | Office Hours: Monday 13:00-15:00 in SB130.

Course Website: d2l.ucalgary.ca

Departmental Office: SB 605, 403-220-5385, phasugrd@ucalgary.ca

2. **Prerequisites:** None. Not open to students with credit in Astronomy 205 or 211 or [Astrophysics 213](#). Not recommended for science major.

3. **Grading:** The University policy on grading and related matters is described sections F.1 and F.2 of the online University Calendar. In determining the overall grade in the course the following weights will be used:

Assignments (6)	25%	(on line)
Midterm test (75 minutes)	25%	(Tuesday, August 4 th , during class)
Final Examination (150 minutes)	50%	(To be scheduled by the Registrar)

All percentage marks that appear on the d2l website will be used to determine each student's overall grade. Overall ASTR 209 percentages will be converted into a final course letter grade using the following thresholds.

> = 90 %	A +	> = 75 %	B +	> = 60 %	C +	> = 47 %	D +
> = 85 %	A	> = 70 %	B	> = 55 %	C	> = 45 %	D
> = 80 %	A -	> = 65 %	B -	> = 50 %	C -	< 45 %	F

Students who receive a weighted mean mark less than 40% over the Midterm and Final Examination should not expect to receive a course grade higher than "D+".

Percentage grades will be given for all assignments and examinations. A weighted course percentage will be calculated for each student after the final exam is written.

4. **Missed Components of Term Work:** The regulations of the Faculty of Science pertaining to this matter are found in the Faculty of Science area of the Calendar in [Section 3.6](#). It is the student's responsibility to familiarize himself/herself with these regulations. See also [Section E.6](#) of the University Calendar.

5. **Course Materials:** *"Astronomy Today"*, 7-th or 8-th ed, Volume II – Stars and Galaxies by Chaisson & McMillan, Pearson/Addison Wesley. Purchasing a copy of full (more expensive) edition of Astronomy Today is also fine but students should bear in mind that many chapters in the full edition will not be used. Purchasing copies of older editions of Astronomy Today is also fine, but students bear responsibility for any difference in material between the older edition and the current edition.
6. **Examination Policy:** Examinations are closed book. Calculators must not have wireless communication. Students should also read the Calendar, [Section G](#), on Examinations.

7. OTHER IMPORTANT INFORMATION FOR STUDENTS:

- (a) **Misconduct:** 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 [Section K](#). Student Misconduct to inform yourself of definitions, processes and penalties.
- (b) **Assembly Points:** In case of emergency during class time, be sure to FAMILIARIZE YOURSELF with the information on [assembly points](#).
- (c) **Academic Accommodation Policy:** Students with documentable disabilities are referred to the following links: Students with Disabilities: <http://www.ucalgary.ca/pubs/calendar/current/b-1.html> [B.1](#) and Student Accessibility Services: <http://www.ucalgary.ca/access/>.
- (d) **Safewalk:** Campus Security will escort individuals day or night (<http://www.ucalgary.ca/security/safewalk/>). Call 220-5333 for assistance. Use any campus phone, emergency phone or the yellow phones located at most parking lot pay booths.
- (e) **Freedom of Information and Privacy:** This course is conducted in accordance with the Freedom of Information and Protection of Privacy Act (FOIPP). 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. For more information see also <http://www.ucalgary.ca/secretariat/privacy>.
- (f) **Student Union Information:** [VP Academic](#) Phone: 220-3911 Email: suvpaca@ucalgary.ca.
SU Faculty Rep: Phone: 220-3913 Email: science1@su.ucalgary.ca, science2@su.ucalgary.ca and science3@su.ucalgary.ca
Student Ombuds Office: 403 220-6420 Email: ombuds@ucalgary.ca; <http://ucalgary.ca/provost/students/ombuds>
- (g) **Internet and Electronic Device Information:** You can assume that in all classes that you attend, your cell phone should be turned off unless instructed otherwise. Also, communication with other individuals, via laptop computers, Blackberries or other devices connectable to the Internet is not allowed in class time unless specifically permitted by the instructor. If you violate this policy you may be asked to leave the classroom. Repeated abuse may result in a charge of misconduct.
- (h) **U.S.R.I.:** At the University of Calgary, feedback provided by students through the Universal Student Ratings of Instruction (USRI) survey provides valuable information to help with evaluating instruction, enhancing learning and teaching, and selecting courses (www.ucalgary.ca/usri). Your responses make a difference - please participate in USRI Surveys.

Department Approval _____ Date _____