

Astronomy 101 - Introduction to Astronomy I.

INSTRUCTOR: Dr. James Nemec (Office: Fisher 346d);
e-mail: jmn@isr.bc.ca (not to be used for homework submission)

TEXTBOOK: "The Universe Revealed" by Chris Impey and William K. Hartmann. This book will also be used for the second half of this course, Astronomy 102 (January-April 2003).

MEETING TIMES: Section 1 meets every Monday from 2:30pm to 4:20 pm in **Young 217** and every Wednesday from 2:30pm to 4:20 pm in **Young 310**. A typical class will consist of two hours of lectures, discussions and quizzes.

COMPUTER LABS: The computer labs will be carried out in either **Ewing 110 or 112** (in the basement of the Ewing building) on Mondays and Wednesdays

14:30-16:00

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COURSE CREDITS: The course credits are transferable (with Astronomy 102) to UVic (where the two classes are equivalent to their Astronomy 120), UBC (where the two classes correspond to their Astronomy 101) other institutions (check with the Physics department).

GRADING: two Mid-term exams (cumulative) -
Final exam (cumulative) -30%
labs and homework -30%
quizzes -10%

SUPPLIES: You will need to purchase from "Astronomy 101 Handouts" (cost: -\$4.95), a exercises. Leave ~10-15 pages at the begin (*Quicquid Nitet Notandum* -translation: "m sky").

COURSE OUTLINE:

Chapter 1 How Science Works

Chapter 2 The First Discoveries About Earth and Sky

Chapter 3 The Copernican Revolution;

Chapter 4 Matter and Energy In the

Chapter 5 The Earth-Moon System Chapter 6 The T

errestrial Planets Chapter 7 The Giant Planets and their

Chapter 8 Interplanetary Bodies

Chapter 9 How Planetary Systems Form

Chapter 10 Detecting Radiation from Space