

The final grade obtained from the above marking scheme for the purpose of GPA calculation will be based on the percentage-to-grade point conversion table listed in the current Graduate Calendar:

<http://web.uvic.ca/calendar2017-09/grad/academic-regulations/grading.html>

Course Objectives and Learning Outcomes

Understand and apply principles of operation and design of modern photovoltaic device technology: (i) Equations describing device operation; (ii) Appropriate models; (iii) Factors that determine performance.

Syllabus

Photovoltaic materials and device technology. Operating principles of solar cells: Charge excitation, separation and collection. Standard and emerging photovoltaic technologies. Conversion efficiencies, loss mechanisms, systems and manufacturing costs. Photovoltaic technology in the context of worldwide energy demand.

Accommodation of Religious Observance:

<http://web.uvic.ca/calendar2017-09/grad/registration/Registration.1.16.html>

Policy on Inclusivity and Diversity:

<http://web.uvic.ca/calendar2017-09/general/policies.html>

Standards of Professional Behaviour

You are advised to read the Faculty of Engineering document [Standards for Professional Behaviour](http://www.uvic.ca/engineering/assets/docs/professional-behaviour.pdf), which contains important information regarding conduct in courses, labs, and in the general use of facilities: <http://www.uvic.ca/engineering/assets/docs/professional-behaviour.pdf>

Students who have issues with the conduct of the course should discuss them with the instructor first. If these discussions do not resolve the issue, then students should feel free to contact the Chair of the Department by email or the Chair's Secretary to set up an appointment.

Cheating, plagiarism and other forms of academic fraud are taken very seriously by both the University and the Department. You should consult the entry in the Graduate Calendar for the UVic policy on academic integrity:

<http://web.uvic.ca/calendar2017-09/grad/academic-regulations/academic-integrity.html>

Equality

This course aims to provide equal opportunities and access for all students to enjoy the benefits and privileges of the class and its curriculum and to meet the syllabus requirements. Reasonable and appropriate accommodation will be made available to students with documented disabilities (physical, mental, learning) in order to give them the opportunity to successfully meet the essential requirements of the course. The accommodation will not alter academic standards or learning outcomes, although the student may be allowed to demonstrate knowledge and skills in a different way. It is not necessary for you to reveal your disability and/or confidential medical information to the course instructor. If you believe that you may require accommodation, the course instructor can provide you with information about confidential resources on campus that can assist you in arranging for appropriate accommodation. Alternatively, you may want to contact the Resource Centre for Students with a Disability located in the Campus Services Building. The University of Victoria is committed to promoting, providing, and protecting a positive, and supportive and safe learning and working environment for all its members.

Course Materials

Unless otherwise noted, all course materials supplied to students in this course have been prepared by the instructor and are intended for use in this course only. These materials are NOT to be re-circulated digitally, whether by email or by uploading or copying to websites, which could in some cases constitute a breach of academic integrity as defined in the UVic Calendar.