UNIVERSITY OF CALGARY
DEPARTMENT OF PHYSICS and ASTRONOMY
**COURSE OUTLINE**

**1. Course ID and number, Course Title MDPH 722b: Clinical Projects 2**

Laboratory course scheduled to fit clinic operations
Peter Dunscombe, Ph.D.
Room CCB 14, Tom Baker Cancer Centre.
Tel 403 521 3789
Email: peter.dunscombe@albertahealthservices.ca

**2. PREREQUISITES:** Registration in Post Ph.D. Diploma in Radiation Oncology Physics and approval of Department. Completion of MDPH 721

**3. GRADING**: Satisfactory completion of each project will be indicated by the signatures of the Supervisor and Course Leader on this form.

- The Course Leader, in consultation with the Supervisor, will evaluate the student's performance and assign a letter grade.
- The student will formally present the results of each project to the Medical Physics staff
- At the conclusion of the course, the Course Leader in consultation with the project Supervisors will assign an overall grade based on written material submitted and performance during the oral presentations and written reports.

**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: **http://www.ucalgary.ca/pubs/calendar/current/sc-3-6.html**. It is the student's responsibility to familiarize himself/herself with these regulations. See also **http://www.ucalgary.ca/pubs/calendar/current/e-3.html**.

**6. TEXTBOOK**: There is no textbook required for this course. Readings will be assigned by individual project supervisors.

**7. EXAMINATION POLICY**: There is no formal examination associated with this course. Evaluation is performed through a report and oral presentation per project.
Students are encouraged to read the Calendar, Section G, on Examinations:
**http://www.ucalgary.ca/pubs/calendar/current/g.html**.

**Department Approval**_____ **Date**_____

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

**11. OTHER IMPORTANT INFORMATION FOR STUDENTS:**

**(a) 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 K. Student Misconduct (**http://www.ucalgary.ca/pubs/calendar/current/k.html**) 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 at http://www.ucalgary.ca/emergencyplan/assemblypoints**.

**(c) ACADEMIC ACCOMMODATION POLICY.** Students with documentable disabilities are referred to the following links:
Calendar entry on students with disabilities: **http://www.ucalgary.ca/pubs/calendar/current/b-1.html**
Disability Resource Centre: **http://www.ucalgary.ca/drc/**

**(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 will be 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@ucagary.ca.
SU Faculty Rep. **Phone:** 220-3913 **Email:** sciencerep@su.ucalgary.ca Website **http://www.su.ucalgary.ca/home/contact.html**.

Student Ombudsman: **http://www.su.ucalgary.ca/services/student-services/student-rights.html**

**(i) INTERNET and ELECTRONIC COMMUNICATION DEVICE Information.** You can assume that in all classes that you attend, **your cell phone should be turned off**. 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.

# DETAILED COURSE SYLLABUS

**TOM BAKER CANCER CENTRE**
**Department of Medical Physics**

Course Name: **Clinical Projects 2**

Course Code: **MDPH 722**

Course Leader: **Peter Dunscombe**

Academic Year: **2010/2011**

## COURSE OUTLINE

**Class Times:**
As required to meet clinical requirements.

**Course Description:**
Two to three clinical implementation, development or research projects are undertaken over a period of two terms.

**Class Format:**
Projects are selected with the mutual agreement of the Department and student. The projects will benefit both the Department by meeting some current or future clinical need and the student through the clinical experience gained. A staff member will be identified as project supervisor and between the supervisor and student, objectives and timelines will be established. At the conclusion of each project the student will make a presentation to the medical physics group and submit a written report to the Supervisor in the format of a respected journal such as Physics in Medicine and Biology.

**Class Schedule**
MDPH 721 generally extends over the Fall and Winter terms of the first year.

| Component | Project | Supervisor | Completed | Signature |
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**Supervisors**
As assigned

**Evaluation:**

- Satisfactory completion of each project will be indicated by the signatures of the Supervisor and Course Leader on this form.
- The Course Leader, in consultation with the Supervisor, will evaluate the student's performance and assign a letter grade.
- The student will formally present the results of each project to the Medical Physics staff
- At the conclusion of the course, the Course Leader in consultation with the project Supervisors will assign an overall grade based on written material submitted and performance during the oral presentations and written reports.
- The student is also expected to provide to the Program Director his/her evaluation of the course and the Supervisors.

**Prerequisites:**
Acceptance into the University of Calgary Post Ph.D. Diploma Program in Radiation Oncology Physics, approval of the Department

**Additional Documentation:**

1. Project Plans, Appendix E
2. Project Evaluation, Appendix F
3. Course Evaluation, Appendix C

**References:**

As recommended by the project Supervisors.

**Peter Dunscombe** **September 2010**