UNIVERSITY OF CALGARY
CUMMING SCHOOL OF MEDICINE

UNDERGRADUATE MEDICAL EDUCATION (UME)
Medical Doctor Program (MD)

COURSE OUTLINE

Course Number:	MDCN 450
Course Name:	**COURSE 5 - NEUROSCIENCES AND AGING**
Dates:	**July 19 – Sept 10, 2021**
Schedules and classroom locations:	For pre-clerkship: Year 1 & 2 timetable is here https://cumming.ucalgary.ca/mdprogram/current-students/pre-clerkship-year-1-2/timetable Detailed scheduled is located online in OSLER For clerkship: rotation schedule & location information will be emailed

	Name	**Email**
Course Chair:	Dr. Ronak Kapadia	Ronak.Kapadia@ahs.ca
Course Chair:	Dr. Erika Dempsey	Erika.Dempsey@ahs.ca
Evaluation Rep:	Dr. Scott Jarvis	Scott.Jarvis@albertahealthservices.ca
UME Program Coordinator:	Kelsey O'Donnell	Course5@ucalgary.ca

Student Course Rep:	Griffins Misati	griffins.misati1@ucalgary.ca
Student Exam Rep:	Lindey Felske	Lindey.felske@ucalgary.ca

Course Description
Integrated Clinical Presentations related to the Neuroscience system, Special Senses and Aging. Students will learn how to diagnose, investigate and manage clinical presentations such as muscle weakness, head and spinal injuries, gait disturbance, dizziness, speech and language disturbance, seizures, acute confusion, headache, dementia, falls, dying patient, visual loss, double vision, ear pain, hearing loss, etc. Please refer to the University Calendar: http://www.ucalgary.ca/pubs/calendar/current/medicine.html#8554

Prerequisites
Not applicable in the MD program.

Supplementary Fees/Costs
• Lab Coat • Stethoscope • iClickers

Learning Objectives
All learning objectives are located in the Course Core Document/Syllabus which can be located online in the student information system (OSLER) and on our MD Program website   https://osler.ucalgary.ca/   Also see Appendix A.

Course Text(s)/Recommended Reading/Learning Resources
- Clinical Neurology – Aminoff, Greenberg and Simon   - Neurology and Neurosurgery Illustrated – Lindsay and Bone   - Neuroanatomy Made Ridiculously Simple – Goldberg   - Essentials of Clinical Geriatrics – Kane, Ouslander, and Abrass   - Merck Manual of Geriatrics   - Geriatrics at Your Fingertips – free online and downloadable PDA versions will be linked to OSLER

Evaluation and Course Requirements
Student learning will be assessed through the completion of the following formative & summative mandatory evaluative learning activities.   MC = Must Complete   MP = Must Pass   • Attendance and participation in mandatory teaching sessions = MC   • Formative Online MCQ Exam = MC   • Mid Term MCQ Exam = MC   • Final Summative MCQ Exam = MC   • Clinical Core Sessions (10 Hours) = MC   • Reflective Assignment = MC   • Satisfactory Overall (All Summative & Mid Term Components Combined) = MP   The course grade will be composed of the following: • Mid Term MCQ Online Exam (35%)   • Summative/Final MCQ Exam (65%)

Calculators for MCQ exam – UME approved calculators allowed

Assessment Dates
The assessment dates provided in the Evaluation and Course Requirements may be subject to change due to circumstances beyond the MD Program's control. In the event that an assessment date must be changed notification of the change will be emailed to the student by the evaluation team and posted on OSLER. Students will be given as much notice of the assessment date change as possible.

Grading	
The University of Calgary Medical Doctor Program is a Pass/Fail program. The grading system that will appear on a student's legal transcript is as follows:	

Grade	Description
CR	Completed Requirements
RM	Remedial Work Required
F	Fail
I	Incomplete
W	Withdrawal
MT	Multi-Term (Used for Part A Courses that fall under 2 different terms in the calendar year.)

For Pre-Clerkship - A student's final grade for the course is the sum of the separate components. It is not necessary to pass each mandatory component separately in order to pass the course.

For Clerkship - A rotation signed off as "Satisfactory with Performance Deficiencies" will appear as a credit on a student's medical school transcript.

Assignments/Projects
The following criteria shall generally apply to all written assignments. Students are expected to submit all major assignments on or before the due dates. Unless prior arrangements have been made, major assignments worth marks submitted after the specified due date will be considered late. **Late major assignments will receive a 0 % grade.** Other assignments will not be accepted after the due date.

Timeliness
In general, dates listed in Core Documents are intended to act as guidelines for assisting students to complete their learning activities and assignments in a timely fashion. Students encountering difficulties completing assignments due to health or other serious factors must contact the Course Chair to arrange a deferral of term work. A Physician/Counsellor Statement to confirm an absence for health reasons may be required.

Professional Conduct
As members of the University community, students and staff are expected to demonstrate conduct that is consistent with the University of Calgary Calendar. The specific expectations cited in the Calendar include • Respect for the dignity of all persons • Fair and equitable treatment of individuals in our diverse community • Personal integrity and trustworthiness • Respect for academic freedom, and • Respect for personal and University (or Host Institution) property. Students and staff are expected to model behaviour in class that is consistent with our professional values and ethics. Students and staff are also expected to demonstrate professional behaviour in class that promotes and maintains a positive and productive learning environment. All students and staff are also expected to respect, appreciate, and encourage expression of diverse world views and

perspectives. All members of the University community are expected to offer their fellow community members unconditional respect and constructive feedback. While critical thought and debate is valued in response to concepts and opinions shared in class, feedback must at all times be focused on the ideas or opinions shared and not on the person who has stated them.

Where a breach of an above-mentioned expectation occurs in class, the incident should be reported immediately to the Associate Dean or his/her designate. As stated in the University Calendar, students who seriously breach these guidelines may be subject to a range of penalties ranging from receiving a failing grade in an assignment to expulsion from the University.

University of Calgary Medical School – Student Code of Conduct
https://cumming.ucalgary.ca/mdprogram/current-students/pre-clerkship-year-1-2/student-code-conduct

Electronic Submission of Course Work
Most assignments will be submitted via email to the Program Coordinator, UME unless otherwise stated. Assignments may be submitted in MS Word or Rich Text formats. It is the student's responsibility to confirm with the Program Coordinator that the assignment has been received. This may be done through utilization of the return receipt function available on most email packages, or by a follow up confirmation email to the Program Coordinator. It is the Program Coordinator's responsibility to reply to any confirmation email from the student, and to inform the student promptly if there are any problems with the file (unable to open attachment, damaged data, etc.). In such cases, it is the responsibility of the student to promptly consult with the Program Coordinator regarding an alternate delivery method (e.g. courier, fax, etc.). It is the student's responsibility to retain a copy of the original document.

One45 Overview

The MD Program utilizes the One45 Software Program for assessment purposes for all evaluations in Year 1, 2 and 3. Students are able to view completed evaluations online through this software program. Evaluations and assessment data are collected at regular intervals.

It is the student's responsibility to distribute their evaluations to preceptors during any given course and to follow up with preceptors if evaluations have not been completed by the deadline given out by the Undergraduate Medical Education (UME) Office.

In addition to assessments and evaluations, One45 is also utilized to evaluate your preceptors and to gather information from students on their learning experiences.

All students are provided training at the beginning of their program in Year 1. This would include a personal log in access code and password.

One45 is used throughout your training in the MD Program (Undergrad) as well as Residency (PGME).

Website Link to Access One45: https://calgary.one45.com/

Problems Accessing One45:   Please contact the Academic Technologies at osler@ucalgary.ca

Course Evaluation/Feedback

Student feedback will be sought at the end of each learning session as well as at the end of each course through the electronic UME evaluation tool.

At the end of each learning activity (ie. Lecture, small group, orientations, etc.), students will be asked to complete online evaluation forms to provide feedback to instructors regarding the effectiveness of their teaching and achievement of the learning objectives. An overall course evaluation will be completed following course completion.

Students are welcome to discuss the process and content of the course at any time with the Course Chairs or Preceptors.

Clinical Core Overview (Pre-Clerkship Only)

Please refer to the Clinical Correlation Guidelines here:
https://cumming.ucalgary.ca/mdprogram/about/governance/policies

Course specific learning objectives for Clinical Core in the setting of this course can be found in the course document.

Clinical Correlation Rules of Conduct

Students and preceptors will not be used as patients for clinical correlation sessions. This means that students will not examine the preceptor, the preceptor will not examine the students and students will not examine one another.

UME Policies, Guidelines, Forms, & TORs
Please refer to the MD program website https://cumming.ucalgary.ca/mdprogram/about/governance

Appeals
Please refer to the UME Student Evaluation: Reappraisals and Appeals for details regarding appeals https://cumming.ucalgary.ca/mdprogram/about/governance/policies If the student disagrees with the decision of the UME Student Evaluation Committee, the student may appeal that decision to the UME University Faculty Appeals Committee. Please refer to the CSM UME Academic Assessment and Graded Term Work Procedures for procedure for appeals. https://cumming.ucalgary.ca/mdprogram/about/governance

Academic Accommodation
Students needing an accommodation because of a disability or medical condition should contact Student Accessibility Services in accordance with the Procedure for Accommodations for Students with Disabilities available at https://www.ucalgary.ca/legal-services/university-policies-procedures/accommodation-students-disabilities-procedure. Student Accessibility Services, please contact their office at (403) 220-8237, visit: MacEwan Student Centre room 452 or email: access@ucalgary.ca. Students who have not registered with the Student Accessibility Services are not eligible for formal academic accommodation.

Accommodations on Protected Grounds Other Than Disability
Students who require an accommodation in relation to their coursework or to fulfil requirements for a graduate degree, based on a protected ground other than disability, should communicate this need, preferably in writing, to the appropriate Assistant or Associate Dean Students who require an accommodation unrelated to their coursework, based on a protected ground other than disability, should communicate this need, preferably in writing, to the Vice-Provost (Student Experience). For additional information on support services and accommodations for students with disabilities, visit https://live-ucalgary.ucalgary.ca/student-services/access

Academic Integrity
The University of Calgary is committed to the highest standards of academic integrity and honesty. Students are expected to be familiar with these standards regarding academic honesty and to uphold the policies of the University in this respect. It is expected that all work submitted in assignments should be the student's own work, written expressly by the student for this particular course. Students are referred to the section on academic integrity in the University Calendar (https://www.ucalgary.ca/pubs/calendar/current/k-3.html) and are reminded that plagiarism is an extremely serious academic offence.

Student Misconduct
A single offence of cheating, plagiarism, or other academic misconduct, on term work, tests, or final examinations, etc., may lead to disciplinary probation or a student's suspension or expulsion from the faculty by the Dean, if it is determined that the offence warrants such action. A student is defined as any person registered at the University for credit or non-credit courses.

Freedom of Information and Protection of Privacy
The Freedom of Information and Protection of Privacy (FOIP) Act indicates that assignments given by you to your course instructor will remain confidential, unless otherwise stated, before submission. The assignment cannot be returned to anyone else without your express permission. Similarly, any information about yourself that you share with your course instructor will not be given to anyone else without your permission.

Emergency Evacuations and Assembly Points
Assembly points for emergencies have been identified across campus. The primary assembly point for the Health Sciences Centre (HSC) building is HRIC - Atrium. For more information, see the University of Calgary's Emergency Management website: https://www.ucalgary.ca/risk/emergency-management/evac-drills-assembly-points/assembly-points   Emergency Evacuation Procedures - https://www.ucalgary.ca/risk/emergency-management/plans-and-procedures. In the case of an emergency during exam, immediately stop writing the examination and follow the direction of the invigilator and go to the nearest exit. Students should not gather personal belongings.

Internet and electronic device information and responsible use:
Students are welcome to use laptops and other electronic note-taking devices in this course unless otherwise stated. Please be considerate of others when using these devices.

Supports for student learning, success, and safety
Student Advising and Wellness (SAW): https://cumming.ucalgary.ca/mdprogram/current-students/student-advising-wellness   AMA Physician and Family Support Program: https://www.albertadoctors.org/services/physicians/pfsp   Student Union Wellness Centre: https://www.ucalgary.ca/wellnesscentre/   Safewalk: http://www.ucalgary.ca/security/safewalk   Campus security - call (403) 220-5333   Student Success Centre: https://www.ucalgary.ca/ssc/   Library Resources: http://library.ucalgary.ca/   Student Union (https://www.su.ucalgary.ca/about/who-we-are/elected-officials/) or Graduate Student's Association (https://gsa.ucalgary.ca/about-the-gsa/gsa-executive-board/) representative contact information   Student Ombudsman: http://www.ucalgary.ca/ombuds/role

Copyright
All students are required to read the University of Calgary policy on Acceptable Use of Material Protected by Copyright (https://www.ucalgary.ca/legal-services/university-policies-procedures/acceptable-use-material-protected-copyright-policy) and requirements of the copyright act (https://laws-lois.justice.gc.ca/eng/acts/C-42/index.html) to ensure they are aware of the consequences of unauthorized sharing of course materials (including instructor notes, electronic versions of textbooks etc.). Students who use material protected by copyright in violation of this policy may be disciplined under the Non-Academic Misconduct Policy.

Wellness and Mental Health Resources
The University of Calgary recognizes the pivotal role that student mental health plays in physical health, social connectedness, and academic success, and aspires to create a caring and supportive campus community where individuals can freely talk about mental health and receive supports when needed. We encourage you to explore the excellent mental health resources available throughout the University community such as counselling, self-help resources, peer support, or skills-building available through the SU Wellness Centre (Room 370, MacEwan Student Centre, https://www.ucalgary.ca/wellnesscentre/services/mental-health-services) and the Campus Mental Health Strategy website (http://www.ucalgary.ca/mentalhealth).

Research Ethics
If a student is interested in undertaking an assignment that will involve collecting information from members of the public, he or she should speak with the Assistant Dean, Research (UME) and consult the CHREB ethics website (https://ucalgary.ca/research/researchers/ethics-compliance/chreb) before beginning the assignment.

ATSSL Guidelines
Please refer to the ATSSL Web Lab PPE Requirement: http://www.ucalgary.ca/mdprogram/about-us/ume-policies-guidelines-forms-terms-reference