




# Success in Medical School

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MEDC 311

YEAR 3 (TERM 5)

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 **COURSE SYLLABUS**  
2016-17 (CLASS OF 2018)

## Course Name – Course Overview

### COURSE DESCRIPTION

Clerkship is unlike the rest of medical school in that it consists mostly of “on-the-job training”. Many students have expressed anxiety around the increased responsibility and knowledge expected of them. This course was developed as a way to bridge between the first two years of the program and the clerkship years.

Completion of this course will contribute to attaining elements of the overall undergraduate program objectives ([MD Program Objectives](#)).

### OVERALL COURSE OBJECTIVES

By the completion of this course, students will be expected to:

1. Understand and abide by the expectations of the Health Region in which they will be working (*Professional, Collaborator, Communicator*).
2. Demonstrate basic clinical skills (*Medical Expert*).
3. Demonstrate appropriate professionalism, including respect for patients and health team personnel, timeliness, dress, honesty, and integrity (*Professional, Collaborator, Communicator*).
4. Collaborate effectively with peer group and the health care team as required (*Collaborator, Communicator*).
5. Understand the importance of proper attribution of others’ work and demonstrate correct usage of International Committee of Medical Journal Editors’ style to write citations. (*Medical Expert, Professional*)
6. Demonstrate proficiency in medical documentation (*Medical Expert, Communicator*).
7. Demonstrate effective communication with the health care team (*Communicator, Collaborator*).
8. Gain insight into career development as it pertains to Clerkship and CaRMS (*Professional*).
9. Demonstrate proficiency in using Sunrise Clinical Manager (*Medical Expert, Manager*).
10. Demonstrate skills in telephone consultation using the SBAR technique. (*Communicator, Collaborator, Professional*).
11. Successfully complete ACLS and run a “megacode” (*Medical Expert, Communicator, Collaborator, Manager*).
12. Demonstrate basic procedural skills.

The University of Saskatchewan Learning Charter is intended to define aspirations about the learning experience that the University aims to provide, and the roles to be played in realizing these aspirations by students, instructors and the institution. A copy of the Learning Charter can be found at: [www.usask.ca/university\\_secretary/LearningCharter.pdf](http://www.usask.ca/university_secretary/LearningCharter.pdf)

### COURSE CONTACTS

	Saskatoon	Regina	Prince Albert
<b>Course Director</b>		Dr. Joelle McBain	
		<a href="mailto:mcbainjoe@me.com">mcbainjoe@me.com</a>	
		P: (306) 766-4890	
<b>Procedural Skills Module Director</b>	Dr. Di Naidu		
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<b>Administrative Coordinator</b>	Carolyn Blushke	Annie Ethier	Nicole Toutant
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<b>Administrative Assistant</b>	Jessica Hicke	Jeanette Bellavance	
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<b>Website</b>	<a href="http://medicine.usask.ca/index.php">http://medicine.usask.ca/index.php</a>		

### COURSE SCHEDULE

Please see ONE45 for the updated schedule at each site.

### INDEPENDENT LEARNING (IF APPLICABLE)

Completion of the online Academic Honesty Module on Blackboard is mandatory. Students must achieve 100% on the quiz in order to pass, and will be required to repeat the module until 100% is attained.

Pre-reading for ACLS is required.

### COURSE DELIVERY

This course will include the following:

- Group lectures videoconferenced to all sites
- Group lectures specific to each site
- Clinical, procedural skills, and ACLS delivered in a simulation environment
- Blackboard quiz for the Academic Honesty Module.

### COURSE MATERIAL ACCESS

All required material will be made available to the students either on-line (ONE45, or Blackboard), or within the course itself.

### RECOMMENDED MEDICAL INSTRUMENTS

Stethoscope is required. All other instruments will be provided.

### COURSE ASSESSMENT OVERVIEW

The students will be given formative assessments on all clinical, and procedural skills including verbal and written feedback. Professionalism will be a component of assessment in this course.

### LATE ASSIGNMENTS

N/A There are no assignments in this course.

## CITATION FORMAT

Unless otherwise specified by the course or module director, the expected citation format is that of the International Committee of Medical Journal Editors (ICMJE). Examples of this citation format are available at [www.nlm.nih.gov/bsd/uniform\\_requirements.html](http://www.nlm.nih.gov/bsd/uniform_requirements.html)

## COURSE REMEDIATION AND PASS/FAILURE POLICY

For successful course completion for the purposes of promotion, a student must demonstrate satisfactory attendance and participation, including “Meets Expectations” on Professionalism. Students who are not promoted based on being unsuccessful in this course will receive a “Fail” on their transcripts.

Outcomes of failure on this course, including opportunity for remediation, will be determined by the Promotions Committees.

Students who fail this course on the basis of not meeting the attendance requirements are at risk of failing Year 3. See Year 3 Promotion Standards.

## ATTENDANCE EXPECTATIONS

Attendance to all sessions is **mandatory**. It is expected that students will attend all sessions unless absence is unavoidable. Unexplained absences will lead to a Breach of Professionalism Report and academic consequences which may include course failure.

## RECORDING OF THE LECTURES

Lectures will be recorded and posted to the course Blackboard site under Course Materials. The lecture recordings are not intended to be a replacement for attending the session but to enhance understanding of the concepts.

## COPYRIGHT

Students are expected to respect the University of Saskatchewan Copyright Policy outlined at [www.usask.ca/copyright/](http://www.usask.ca/copyright/)

## COURSE EVALUATIONS QUALITY IMPROVEMENT

No changes have been made, as this is the first delivery of the course.

## IMPORTANT AND RELEVANT STUDENT INFORMATION

The following information is extremely important for your success in medical school. To avoid duplication and ensure clarity, please refer to the [UGME Policies](#) page and the [Student Information Guide](#) for the following policies:

### UGME CONTACT INFORMATION

### MD PROGRAM ATTENDANCE POLICY

### ETHICS AND PROFESSIONALISM

### ACCOMMODATION OF STUDENTS WITH DISABILITIES

## OFFICE OF STUDENT AFFAIRS

### EMAIL COMMUNICATIONS

### GUIDELINES FOR PROVIDING FEEDBACK

### PROGRAM EVALUATIONS

### APPEALS PROCEDURES

### PROMOTIONS POLICY

Where a specific College of Medicine policy or procedure does not exist, the College refers to the U of S Academic Courses Policy at <http://policies.usask.ca/policies/academic-affairs/academic-courses.php>

### INTEGRITY DEFINED (FROM THE OFFICE OF THE UNIVERSITY SECRETARY)

The University of Saskatchewan 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. Students are particularly urged to familiarize themselves with the provisions of the Student Conduct & Appeals section of the University Secretary Website and avoid any behavior that could potentially result in suspicions of cheating, plagiarism, misrepresentation of facts and/or participation in an offence. Academic dishonesty is a serious offence and can result in suspension or expulsion from the University.

All students should read and be familiar with the Regulations on Academic Student Misconduct ([www.usask.ca/secretariat/student-conduct-appeals/StudentAcademicMisconduct.pdf](http://www.usask.ca/secretariat/student-conduct-appeals/StudentAcademicMisconduct.pdf)) as well as the Standard of Student Conduct in Non-Academic Matters and Procedures for Resolution of Complaints and Appeals ([www.usask.ca/secretariat/student-conduct-appeals/StudentNon-AcademicMisconduct.pdf](http://www.usask.ca/secretariat/student-conduct-appeals/StudentNon-AcademicMisconduct.pdf))

For more information on what academic integrity means for students see the Student Conduct & Appeals section of the University Secretary Website at: [www.usask.ca/secretariat/student-conduct-appeals/forms/IntegrityDefined.pdf](http://www.usask.ca/secretariat/student-conduct-appeals/forms/IntegrityDefined.pdf)

### EXAMINATIONS WITH DISABILITY SERVICES FOR STUDENTS (DSS)

Students who have disabilities (learning, medical, physical, or mental health) are strongly encouraged to register with Disability Services for Students (DSS) if they have not already done so. Students who suspect they may have disabilities should contact the Student Affairs Coordinator at the Office of Student Affairs (OSA) for advice and referrals. In order to access DSS programs and supports, students must follow DSS policy and procedures. For more information, check [students.usask.ca/health/centres/disability-services-for-students.php](http://students.usask.ca/health/centres/disability-services-for-students.php), or contact DSS at 966-7273 or [dss@usask.ca](mailto:dss@usask.ca).

Students registered with DSS may request alternative arrangements for mid-term and final examinations.

Students must arrange such accommodations through the Office of Student Affairs (OSA) by the stated deadlines. Instructors shall provide the examinations for students who are being accommodated by the deadlines established by OSA.

### STUDENT SUPPORTS

- **COLLEGE OF MEDICINE, OFFICE OF STUDENT AFFAIRS**

Student Affairs offers confidential support and advocacy at arm's length from the academic offices. For more information, please contact the COM Student Affairs Coordinator, Edith Conacher at [edith.conacher@usask.ca](mailto:edith.conacher@usask.ca) or 306-966-4751. In Regina please contact Dr. Nicole Fahlman at

[nicole.fahlman@gmail.com](mailto:nicole.fahlman@gmail.com) or (306)209-0142. In Prince Albert Dr. Dale Ardell can be reached through Nicole Toutant: [nicole.toutant@usask.ca](mailto:nicole.toutant@usask.ca) or (306)765-6787.

- **STUDENT LEARNING SERVICES**

Student Learning Services (SLS) offers assistance to U of S undergrad and graduate students. For information on specific services, please see the SLS web site [www.usask.ca/ulc/](http://www.usask.ca/ulc/).

- **STUDENT AND ENROLMENT SERVICES DIVISION**

The Student and Enrolment Services Division (SESD) focuses on providing developmental and support services and programs to students and the university community. For more information, see the SESD web site [www.usask.ca/sesd/](http://www.usask.ca/sesd/)

## COURSE MODULES

1. Region Orientation

- a. By the end of the session the student will understand and abide by the expectations of the Health Region in which they will be working

2. Procedural Skills

- a. Airway

- i. List the indications and proper use for each airway adjunct.
- ii. Demonstrate use of the basic airway adjuncts on the sim model
- iii. Effectively ventilate the simulated model with self-inflating bag & mask.

- b. Casting

- i. Safely apply and remove a plaster-of-Paris splint or cast

- c. Urethral Catheter

- i. Separate patients who are suitable/unsuitable for urethral catheter placement
- ii. Select the appropriate size urethral catheter for the patient
- iii. Identify complications that can arise from misplaced urethral catheters
- iv. Identify procedures are used to confirm position of urethral catheters
- v. Perform a urinary catheterization while maintaining strict aseptic technique.

- d. Nasogastric Tube

- i. Select patients who are suitable/unsuitable for nasogastric feeding tube placement
- ii. Summarize complications that can arise from misplaced nasogastric tubes and those patients who are at high risk of tube misplacement
- iii. Identify passage of the nasogastric feeding tube through the nasopharyngeal and gastrointestinal tracts
- iv. Select the appropriate size NG for the patient
- v. Insert and secure an NG
- vi. List procedures used to confirm position of nasogastric feeding tubes
- vii. Identify appropriate information to document in a patient's medical record.

- e. EKG
  - i. Apply the principles of ECG tracings in relation to the electrical activity of the heart.
  - ii. Properly place the electrodes and differentiate between leads
  - iii. Interpret common abnormal rhythms including: sinus tachycardia, sinus bradycardia, ventricular tachycardia, ventricular fibrillation, supraventricular tachycardia, pulseless electrical activity, asystole, ST elevation and ST depression
- f. Arterial Blood Gas
  - i. Verbalize the indications and contraindications for arterial blood draw.
  - ii. Describe the test for assessing ulnar collateral circulation (Modified Allen Test).
  - iii. Verbalize possible post-procedure complications
  - iv. Perform an ABG on a trainer
- g. Lumbar Puncture
  - i. Verbalize the indications and contraindications for performing a lumbar puncture (LP)
  - ii. Perform a lumbar puncture using sterile technique on the LP trainer.
- h. Suturing
  - i. Demonstrate basic suturing skills
- i. Nasal Packing
  - i. Verbalize indications for nasal packing
  - ii. Perform safe technique of nasal packing
- j. Intravenous Catheterization
  - i. Demonstrate proper technique for starting IVs on a simulated patient
- 3. PPE, N95 Mask Fitting
  - a. Review appropriate Personal Protective Equipment, and where to find them
  - b. Be fitted for an appropriately sized N95 mask
- 4. CaRMS, Electives, Career Development
  - a. Discuss the workings of CaRMS and how to go about being successful in the matching process
- 5. Documentation Skills
  - a. Document, in an organized way, what is going on with the patient
  - b. Explain that any documentation is a legal document and has implications as such
- 6. Sunrise Clinical Manager (SCM) Training
  - a. Demonstrate proficiency in using Sunrise Clinical Manager
- 7. ACLS Training
  - a. Successfully run a “mega-code”
- 8. SBAR
  - a. Demonstrate the communication tool, SBAR, in a clinical situation
- 9. Academic Honesty

- a. Demonstrate the importance of proper attribution of others' work and demonstrate correct usage of International Committee of Medical Journal Editors' style to write citations by achieving 100% on the online quiz.