

# CLASS SYLLABUS



COURSE TITLE: Advanced Scanning Skills  
CLASS SECTION: X01AD  
TERM: F2022  
COURSE CREDITS: 3  
DELIVERY METHOD(S): Blended

Camosun College campuses are located on the traditional territories of the Lək̓ʷəŋən and W̱SÁNEĆ peoples. We acknowledge their welcome and graciousness to the students who seek knowledge here. Learn more about Camosun's [Territorial Acknowledgement](#).

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<https://camosun.ca/about/covid-19-updates>

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*Camosun College requires mandatory attendance for the first class meeting of each course. If you do not attend, and do not provide your instructor with a reasonable explanation in advance, you will be removed from the course and the space offered to the next waitlisted student.*

## INSTRUCTOR DETAILS

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NAME: Matthew Barbas and Eleze Munro  
EMAIL: [BarbasM@camosun.ca](mailto:BarbasM@camosun.ca) | [MunroE@camosun.ca](mailto:MunroE@camosun.ca)  
OFFICE: CHW 317  
HOURS: By appointment

*As your course instructor, I endeavour to provide an inclusive learning environment. However, if you experience barriers to learning in this course, do not hesitate to discuss them with me. Camosun College is committed to identifying and removing institutional and social barriers that prevent access and impede success.*

## CALENDAR DESCRIPTION

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Students develop independent scanning proficiency, produce technically accurate documentation, and communicate impressions on increasingly complex case types, patient conditions, and scanning scenarios with minimal assistance while under direct supervision. Students focus on demonstrating workplace professionalism, critical thinking, and problem solving by efficiently completing a wide variety of examinations on live anatomy.

PREREQUISITE(S): C+ in MIDS 231  
CO-REQUISITE(S): N/A  
PRE/CO-REQUISITE(S): C+ in MIDS 267

## COURSE DELIVERY

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ACTIVITY	HOURS / WEEK	# OF WEEKS	ACTIVITY HOURS
Lecture			
Seminar			
Lab / Collaborative Learning	8	14	112
Supervised Field Practice			
Workplace Integrated Learning			
Online			
		<b>TOTAL HOURS</b>	<b>112</b>

## COURSE LEARNING OUTCOMES

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Upon successful completion of this course a student will be able to:

- perform routinely occurring skills and tasks as outlined in the national competencies for Diagnostic Medical Sonographers at entry-to-practice level of proficiency with minimal guidance.
- perform ultrasound examinations of the abdomen, the gravid and non-gravid pelvis, superficial structures, and lower extremity peripheral veins with entry-to-practice level of proficiency and minimal guidance.
- perform anatomical and functional assessments of the heart and associated vessels with entry-level proficiency and minimal guidance.
- provide comprehensive, accurate technical impressions and reports with summaries to referring physicians and/or radiologists of live studies approaching entry-to-practice level of proficiency with minimal assistance.
- use knowledge of anatomy, pathology, scientific principles, patient condition, communication skills, professional behaviours, and cultural humility to anticipate and respond appropriately to outpatient clinic conditions and workflows.
- practice within limits of personal knowledge and skills to successfully produce optimal quality comprehensive ultrasound studies within the recommended Sonography Canada guidelines for scheduling and time allotments with minimal guidance while under outpatient clinic conditions.

## COURSE OBJECTIVES AND MAPPED PROFESSIONAL COMPETENCIES

(also known as “sub-outcomes” or “learning objectives”)

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Sonography Canada Competencies for: MIDS 281 Advanced Sonography Scanning Skills

- 6.1b Recognize hazardous conditions in the work area and respond.
- 6.1c Maintain awareness of fire and disaster plans.
- 6.1d Locate emergency equipment.

Appendix E (Cardiac Sonography):

- 1 PW of RVOT & CW of PV

- 2 PW & CW of TV
- 3 TDI of TV Lateral annulus
- 4 PW & CW of MV
- 5 TDI of MV Med & Lat annulus
- 6 PW of Pulmonary vein
- 7 PW of LVOT & CW of AV
- 8 PW Hepatic vein
- 9 CW Asc. AO
- 10 PW & CW Desc. AO

General Sonography:

- 1 Biceps Tendon
- 2 Subscapularis Tendon
- 3 Supraspinatus Tendon
- 4 Infraspinatus Tendon
- 5 Paracentesis
- 6 Thoracentesis
- 7 Thyroid FNA
- 8 Liver OR Renal Core Bx

Previously Assessed Sonography Canada Competencies for Intermediate Scanning Skills 181, and 231 may be encountered in this course

#### REQUIRED MATERIALS & RECOMMENDED PREPARATION / INFORMATION

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Required Documents

Student Clinical Pocket Book (Provided) Student Portfolio (Provided)

Online Course Content

Desire-to-Learn (D2L) contains the remainder of the instructional materials for this course. Students are expected to familiarize themselves with the online learning environment and access these materials on an ongoing basis throughout the course.

External Resources

Additional materials include Health Authority/Departmental policies and procedures pertaining to each clinical placement site. The Camosun Clinical Liaison and or site workplace Clinical Preceptor may assign materials to

read/orientation activities to complete in preparation for working in Medical Imaging that are only available to students placed at their location.

#### COURSE SCHEDULE, TOPICS, AND ASSOCIATED PREPARATION / ACTIVITY / EVALUATION

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The following schedule and course components are subject to change with reasonable advance notice, as deemed appropriate by the instructor.

**Advanced Scanning Skills commences on September 6, 2022 and finishes on December 9, 2022 (or December 23, 2022 for Friday students)**

Students are expected to be on site 8 hours per week. Weeks 1-14 are mandatory. Week 15 & 16 are encouraged to be attended upon the student's request to obtain more clinical experience.

Week 15 & 16 may also become required if a plan for remediation is put in place and/or attendance/portfolio requirements have not been met by the end of week 14.

A base schedule with each student's specific shift rotation is posted to D2L and available in the Medical Imaging Department. Any changes to the schedule must be approved by the Clinical Site Preceptor and communicated to the Clinical Liaison.

Additional reading materials and assignment instructions are posted to the content on D2L. Students are expected to read through the materials posted to the course introduction/getting started module by the end of week 1 and refer back to this information as needed.

Students are expected to complete all of Appendix E and F competencies not yet completed from MIDS 231. Students who complete the expected number of unassisted competencies, as determined by the Clinical Liaison, will be eligible for full marks in this category. Students who are unable to achieve the required number of unassisted competencies need to have a plan for completion in place with the Clinical Liaison and may not be eligible for full marks. Students whom have demonstrated non-professional or unsafe behaviours may also have marks deducted from this category and may be removed from the clinical site until such time as safety to practice can be reassessed by the Clinical Liaison. Repeated professionalism or safety concerns may result in a student being assessed a zero (0) in the course.

Communications will be sent via the course News Feed on D2L. It is the student's responsibility to set up their notifications and/or check the course News Feed on a daily basis. Online discussion areas will be set up for questions and ongoing discussion topics.

Week	Date	Description	Learning Outcomes

1	Week of Sept 5	1.1 Clinical Site Orientation (if applicable) <ul style="list-style-type: none"> <li>Locate Safety Equipment (fire extinguishers, exits, crash carts, Site Disaster Plan etc.)</li> <li>Department Tour</li> </ul>	a, b, c, d, e, f	
2	Week of Sept 12	2.1 Submit Pocketbook Reflection to D2L 2.2 Submit Technologist Feedback to D2L 2.3 Submit Discussion post to D2L		
3	Week of Sept 19	3.1 Submit Discussion post to D2L		6.1b
4	Week of Sept 26	4.1 Submit Pocket Book Reflection to D2L 4.2 Submit Discussion post to D2L		5.4g  <i>Appendix E:</i> 1, 2, 3, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 31  <i>Appendix F:</i> 1, 2, 3, 4, 8, 9, 10,
5	Week of Oct 3	5.1 Submit Formative Evaluation (CL)		
6	Week of Oct 10	6.1 Submit Pocketbook Reflection to D2L 6.2 Submit Discussion post to D2L		
7	Week of Oct 17			
8	Week of Oct 24	8.1 Submit Pocketbook Reflection to D2L 8.2 Submit Technologist Feedback to D2L 8.3 Submit Discussion post to D2L		
9	Week of Oct 31	9.1 Show a case & technical impressions to the radiologist (does not apply to cardiac)		
10	Week of Nov 7	10.1 Submit Pocketbook Reflection to D2L 10.2 Submit Technologist Feedback to D2L 10.3 Submit Discussion post to D2L 10.4 Submit Formative Evaluation (CL)		
11	Week of Nov 14	10.3 Submit Discussion post to D2L		

12	Week of Nov 21	12.1 Submit Pocketbook Reflection to D2L 12.2 Submit Technologist Feedback to D2L 12.3 Submit Discussion post to D2L	11, 13, 14, 15, 16, 17, 18, 19, 20, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46
13	Week of Nov 28	13.1 Submit Formative Evaluation (CL) 13.2 Submit Discussion post to D2L	
14	Week of Dec 5	14.1 Submit Pocketbook Reflection to D2L 14.2 Submit Technologist Feedback to D2L 14.3 <b>Image Review Due</b>	
15	Week of Dec 12	Extra Clinical Exposure/Remediation Weeks Students are recommended to take advantage of these weeks even if all pocketbook requirements have been met. Remediation <i>Required</i> If:	
16	Week of Dec 19	I. More than 2 days absent from clinical accumulated II. At the end of week 14, the minimum pocketbook requirements have not been met (aim to complete in week 15). III. Not maintaining reasonable level of completion and/or progress IV. Unmet or outstanding behavioral competencies requiring completion <b>Receive Summative Evaluation from CL</b>	

Students registered with the Centre for Accessible Learning (CAL) who complete quizzes, tests, and exams with academic accommodations have booking procedures and deadlines with CAL where advanced noticed is required. Deadlines scan be reviewed on the [CAL exams page](http://camosun.ca/services/accessible-learning/exams.html). <http://camosun.ca/services/accessible-learning/exams.html>

## STUDENT EVALUATION

DESCRIPTION	WEIGHTING

DESCRIPTION	WEIGHTING
TOTAL	100%

If you have a concern about a grade you have received for an evaluation, please come and see me as soon as possible. Refer to the [Grade Review and Appeals](http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.14.pdf) policy for more information.

<http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.14.pdf>

### COURSE GUIDELINES & EXPECTATIONS

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[INSERT TEXT HERE]

### SCHOOL OR DEPARTMENTAL INFORMATION

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[INSERT TEXT HERE]

### STUDENT RESPONSIBILITY

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Enrolment at Camosun assumes that the student will become a responsible member of the College community. As such, each student will display a positive work ethic, assist in the preservation of College property, and assume responsibility for their education by researching academic requirements and policies; demonstrating courtesy and respect toward others; and respecting expectations concerning attendance, assignments, deadlines, and appointments.

### SUPPORTS AND SERVICES FOR STUDENTS

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Camosun College offers a number of services to help you succeed in and out of the classroom. For a detailed overview of the supports and services visit <http://camosun.ca/students/>.

Support Service	Website
Academic Advising	<a href="http://camosun.ca/advising">http://camosun.ca/advising</a>
Accessible Learning	<a href="http://camosun.ca/accessible-learning">http://camosun.ca/accessible-learning</a>
Counselling	<a href="http://camosun.ca/counselling">http://camosun.ca/counselling</a>
Career Services	<a href="http://camosun.ca/coop">http://camosun.ca/coop</a>
Financial Aid and Awards	<a href="http://camosun.ca/financialaid">http://camosun.ca/financialaid</a>

Support Service	Website
Help Centres (Math/English/Science)	<a href="http://camosun.ca/help-centres">http://camosun.ca/help-centres</a>
Indigenous Student Support	<a href="http://camosun.ca/indigenous">http://camosun.ca/indigenous</a>
International Student Support	<a href="http://camosun.ca/international/">http://camosun.ca/international/</a>
Learning Skills	<a href="http://camosun.ca/learningskills">http://camosun.ca/learningskills</a>
Library	<a href="http://camosun.ca/services/library/">http://camosun.ca/services/library/</a>
Office of Student Support	<a href="http://camosun.ca/oss">http://camosun.ca/oss</a>
Ombudsperson	<a href="http://camosun.ca/ombuds">http://camosun.ca/ombuds</a>
Registration	<a href="http://camosun.ca/registration">http://camosun.ca/registration</a>
Technology Support	<a href="http://camosun.ca/its">http://camosun.ca/its</a>
Writing Centre	<a href="http://camosun.ca/writing-centre">http://camosun.ca/writing-centre</a>

If you have a mental health concern, please contact Counselling to arrange an appointment as soon as possible. Counselling sessions are available at both campuses during business hours. If you need urgent support after-hours, please contact the Vancouver Island Crisis Line at 1-888-494-3888 or call 911.

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## COLLEGE-WIDE POLICIES, PROCEDURES, REQUIREMENTS, AND STANDARDS

### Academic Accommodations for Students with Disabilities

The College is committed to providing appropriate and reasonable academic accommodations to students with disabilities (i.e. physical, depression, learning, etc). If you have a disability, the [Centre for Accessible Learning](#) (CAL) can help you document your needs, and where disability-related barriers to access in your courses exist, create an accommodation plan. By making a plan through CAL, you can ensure you have the appropriate academic accommodations you need without disclosing your diagnosis or condition to course instructors. Please visit the CAL website for contacts and to learn how to get started:

<http://camosun.ca/services/accessible-learning/>

### Academic Integrity

Please visit <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.13.pdf> for policy regarding academic expectations and details for addressing and resolving matters of academic misconduct.

### Academic Progress

Please visit <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.1.pdf> for further details on how Camosun College monitors students' academic progress and what steps can be taken if a student is at risk of not meeting the College's academic progress standards.



### Course Withdrawals Policy

Please visit <http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/e-2.2.pdf> for further details about course withdrawals. For deadline for fees, course drop dates, and tuition refund, please visit <http://camosun.ca/learn/fees/#deadlines>.

### Grading Policy

Please visit <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.5.pdf> for further details about grading.

### Grade Review and Appeals

Please visit <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.14.pdf> for policy relating to requests for review and appeal of grades.

### Mandatory Attendance for First Class Meeting of Each Course

Camosun College requires mandatory attendance for the first class meeting of each course. If you do not attend, and do not provide your instructor with a reasonable reason in advance, you will be removed from the course and the space offered to the next waitlisted student. For more information, please see the “Attendance” section under “Registration Policies and Procedures”

(<http://camosun.ca/learn/calendar/current/procedures.html>) and the Grading Policy at <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.5.pdf>.

### Medical / Compassionate Withdrawals

Students who are incapacitated and unable to complete or succeed in their studies by virtue of serious and demonstrated exceptional circumstances may be eligible for a medical/compassionate withdrawal. Please visit <http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/e-2.8.pdf> to learn more about the process involved in a medical/compassionate withdrawal.

### Sexual Violence and Misconduct

Camosun is committed to creating a campus culture of safety, respect, and consent. Camosun’s Office of Student Support is responsible for offering support to students impacted by sexual violence. Regardless of when or where the sexual violence or misconduct occurred, students can access support at Camosun. The Office of Student Support will make sure students have a safe and private place to talk and will help them understand what supports are available and their options for next steps. The Office of Student Support respects a student’s right to choose what is right for them. For more information see Camosun’s Sexualized Violence and Misconduct Policy: <http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/e-2.9.pdf> and [camosun.ca/sexual-violence](http://camosun.ca/sexual-violence). To contact the Office of Student Support: [oss@camosun.ca](mailto:oss@camosun.ca) or by phone: 250-370-3046 or 250-370-3841

### Student Misconduct (Non-Academic)

Camosun College is committed to building the academic competency of all students, seeks to empower students to become agents of their own learning, and promotes academic belonging for everyone. Camosun also expects that all students to conduct themselves in a manner that contributes to a positive, supportive,

and safe learning environment. Please review Camosun College's Student Misconduct Policy at <http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/e-2.5.pdf> to understand the College's expectations of academic integrity and student behavioural conduct.

**Changes to this Syllabus:** Every effort has been made to ensure that information in this syllabus is accurate at the time of publication. The College reserves the right to change courses if it becomes necessary so that course content remains relevant. In such cases, the instructor will give the students clear and timely notice of the changes.