

**Springfield Technical Community College
School of Health & Patient Simulation**

**DMS-203 Sonographic Scan Lab 1
Summer 2026**

Professor:	Eun Soo Lee, M.Ed., R.D.M.S., R.V.T.
Office Location:	Office: 20/302E, Lab: 20/328
Office Phone:	413.755.4915
Email Address:	elee@stcc.edu
Semester Credits:	1
Meeting days and times:	Mondays 8 am – 12 pm
Office Hours:	Mondays and Tuesdays 12 pm – 1 pm

Course Requirement

STCC Sonography Exam Protocols

Pre-requisite:	DMS-201 Introductory Sonography Procedure
Co-requisites:	DMS-202 Clinical Practicum 1

Reference Websites

www.ARDMS.org
www.SDMS.org
www.AIUM.org

Course Description

Application of classroom and laboratory study to sonographic examinations in the specialties of Abdomen Extended Sonography and OB/Gyn Sonography.

Student Learning Outcomes

At the end of this course, the student should be able to do the following for abdominal, obstetric, and gynecologic sonography:

1. Perform basic normal Abdomen Complete ultrasound examinations without assistance.
2. Perform basic normal Pelvic ultrasound examinations without assistance.
3. Participate in the daily operation of a simulated classroom laboratory.
4. Apply pertinent policies related to patients.
5. Apply basic patient care methods to patient care.
6. Solicit, locate, and use volunteer patient history data.
7. Accurately summarize, explain, and present the findings of completed ultrasound examinations.
8. Perform (with assistance) ultrasound examinations that demonstrate pathology.

Course Expectations

Each student is expected to participate in and contribute to all activities related to the course. In particular, each assignment and exam must be completed by the announced date in class.

Attendance Policy

Because of the importance of this course and the volume of material covered, students are expected to follow the course schedule and attend every class and be on time. The student is required to contact the Professor in the event of an unavoidable absence at least one hour prior to the scheduled class start time.

Tardy

- Arrival 10 minutes or more after the designated start time for a lecture or laboratory Student will be allowed into the classroom.
- 3 events of tardiness will be counted as an absence.

Leaving Class Early

- Leaving greater than 10 minutes before the designated end of class time for a lecture or laboratory.
- 3 events of leaving class early will be counted as an absence.

Absence

- Not arriving at all for a lecture or laboratory

More than **3 absences** from lecture and/ or lab for a full semester course will result in punitive action ranging from, but not limited to, reduction of course grade to withdrawal from the course. In the case of extenuating circumstances, please contact the instructor directly. Each situation will be evaluated on an individual basis.

Make up missed work/examinations

- It is the students' responsibility to make up all missed work and must be done so at a time convenient to both student and instructor.
- It is the students' responsibility to make up missed examinations and must be done so at a time convenient to both student and instructor. Missed examinations must be made up within 1 week.

Grading Policy

A course grade will be assigned on the basis of how the student scores on periodic evaluations from their scanning lab. 50% from an Abdomen Complete ultrasound exam, 40% from a Pelvic ultrasound exam, and 10% other lab practices.

Students must be able to apply the practical skills required to perform an ultrasound examination. If the student is unable to obtain a final course grade of C, the student will be removed (dropped) from the Program. Please see the Program Policy and Procedures Manual for specifics.

Grading Scale

The STCC grade scale can be found in the [STCC catalog grading system](#)

93.00 to 100.0 = A
90.00 to 92.99 = A-
87.00 to 89.99 = B+
83.00 to 86.99 = B
80.00 to 82.99 = B-
77.00 to 79.99 = C+
73.00 to 76.99 = C
70.00 to 72.99 = C-
67.00 to 69.99 = D+
63.00 to 66.99 = D
60.00 to 62.99 = D-
Less than 60.00 = F

STCC Diagnostic Medical Sonography Scan Lab Safety Policy

The Springfield Technical Community College (STCC) Diagnostic Medical Sonography program adheres to comprehensive infection control policies, in alignment with the procedures outlined in the program handbook regarding communicable diseases and vaccination requirements. These policies are established to ensure a safe educational environment for students, faculty, and lab volunteers.

Standard precautions must be observed at all times within the sonography lab. These include:

1. Hand Hygiene:

- Students must use an alcohol-based hand rub prior to and between scanning subjects, and immediately before and after glove use.
- Hands must be washed with soap and water for at least 20 seconds when visibly soiled.

2. Personal Protective Equipment (PPE):

- Gloves are mandatory during all lab activities.
- Face masks and face shields will be used as necessary, particularly when exposure to bodily fluids is anticipated.
- All PPE must be removed before exiting the lab.

3. Respiratory Hygiene and Cough Etiquette:

- Individuals must cover their mouth and nose when coughing or sneezing, use disposable tissues, and perform hand hygiene after contact with respiratory secretions.

4. Environmental Cleaning and Disinfection:

- All equipment (e.g., ultrasound machines, transducers, stretchers) must be cleaned and disinfected after each use in accordance with manufacturer guidelines and with approved disinfectants.
- Appropriate PPE must be worn during disinfection procedures.

Students and volunteers are encouraged to consult the Centers for Disease Control and Prevention (CDC) and the Occupational Safety and Health Administration (OSHA) for additional infection control guidelines:

- www.cdc.gov
- www.osha.gov

- [CDC Standard Precautions](#)

College / Department Policies

Springfield Technical Community College is an institution that is committed to offering students the best possible education. The education environment is compromised when individuals infringe on the rights of others to succeed in learning. Therefore, the following policies and procedures are intended to serve as guidelines for acceptable behavior at STCC. Conduct which could subject a student to disciplinary action includes, but is not limited to:

Acts of dishonesty, disruption or obstruction of teaching or research, physical abuse, verbal abuse, threats, intimidation, harassment, coercion, other conduct which threatens or endangers the health and safety of any member of the campus, attempted or actual theft of and/or damage to property of the college or property of a member of the college, hazing, failure to comply with directions of college officials or law enforcement officials, unauthorized possession, duplication or use of keys to any College premises or unauthorized entrance, violations of published College policies, rules or regulations, violation of federal, state, or local laws on College premises, use, possession or distribution of narcotics or other controlled substances, use, possession or distribution of alcoholic beverages, illegal or unauthorized possession of firearms, explosives, other weapons or dangerous chemicals, conduct which is disorderly, lewd, or indecent. For a more complete listing, refer to your college catalog.

Veterans

Veterans and active duty military personnel with special circumstances and/or concerns are welcome and encouraged to communicate these, in advance if possible, to the instructor.

Office of Disability Services

In compliance with Springfield Technical Community College's policy and equal access laws, disability-related accommodations are discussed and determined through an interactive process with the student. Students who are interested in discussing disability-related accommodations can begin the process by registering with STCC's Office of Disability Services (ODS) at: <https://www.stcc.edu/resources/academic-support/ods/register/>. Once registered, an ODS Counselor will review the disability documentation and reach out via a student's STCC email to schedule an intake appointment to discuss any accessibility concerns in the educational setting, along with accommodation requests. For additional information, please contact ODS at 413-755-4785 or via email at disability_services@stcc.edu.

Documentation can be sent:

Email: disability_services@stcc.edu.

Fax: (413) 755-6323

Mail: STCC, Attn: Disability Services, One Armory Square, Springfield, MA 01105

Please see additional information on [registering with the Office of Disability Services](#) or contact ODS at 413-755-4785 or via email at disability_services@stcc.edu.

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Class cancellation

Notification of class cancellation (other than weather or campus emergencies) will be posted via blackboard announcement.

Office hours

Office hour are from 12 p.m. to 1 p.m. on Mondays and Tuesdays. Appointments are recommended.

Course Schedule

Subjective to change over time

Week/Dates	Topic
1 6/1	Liver ultrasound
2 6/8	Abdomen Complete ultrasound
3 6/15	Abdomen Complete ultrasound
4 6/22	Abdomen Complete ultrasound
5 6/29	Pelvic ultrasound
6 7/6	Pelvic ultrasound
7 7/13	Abdomen Complete Ultrasound Exam
8 7/20	Pelvic Ultrasound Exam