

University of Alaska Anchorage

Diagnostic Medical Sonography

Program Handbook

2024-2025



Program Handbook Purpose

This handbook is provided for informational purposes only and should not be construed as the basis of a contract between a student and the University of Alaska Anchorage. Although every effort is made to ensure its correctness, regulations of the university and this program's requirements change from time to time during the period any student is attending the University of Alaska Anchorage; to the extent there is a conflict between this handbook and university policies, regulations, rules, or procedures, the university policies, regulations, rules, or procedures will control.

This handbook applies to students starting term 2024-2025. The information in this handbook may be different for students starting in other years. The Program Handbook may be updated periodically, and the newest version will take precedence.

Notice of Nondiscrimination

[\(BOR Policy & Regulation 01.02.020\)](#)

The University of Alaska does not discriminate on the basis of race, religion, color, national origin, citizenship, age, sex, physical or mental disability, status as a protected veteran, marital status, changes in marital status, pregnancy, childbirth or related medical conditions, parenthood, sexual orientation, gender identity, political affiliation or belief, genetic information, or other legally protected status.

When implementing this commitment, the University is guided by Title VI and VII of the Civil Rights Act of 1964 and Civil Rights Act of 1991; Title IX of the Education Amendments of 1972; Executive Order 11246, and Executive Order 11375, as amended; Equal Pay Act of 1963; Age Discrimination in Employment Act of 1967 and Age Discrimination Act of 1975; Vietnam Era Veterans Readjustment Assistance Act of 1974; Americans with Disabilities Act (ADA) of 1990; the Americans with Disabilities Act Amendments Act of 2008; Genetic Information Nondiscrimination Act of 2008; Pregnancy Discrimination Act; Immigration Reform & Control Act; Vocational Rehabilitation Act of 1973 and other federal laws or Alaska Statutes which guarantee equal opportunity to individuals and protected classes within our society.

The University's commitment to nondiscrimination, including against sex discrimination, applies to students, employees, and applicants for admission and employment.

This policy therefore affects employment policies and actions, as well as the delivery of educational services at all levels and facilities of the University. Further, the University's objective of ensuring equal opportunity will be met by taking affirmative action: i.e., making intensified, goal-oriented efforts to substantially increase the participation of groups where their representation is less than proportionate to their availability; providing reasonable accommodations to employees and students with disabilities; and ensuring that employment opportunities are widely disseminated to agencies and organizations that serve underrepresented protected classes.

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The following person has been designated to handle inquiries regarding the nondiscrimination policies:

University of Alaska Anchorage

Director, Office of Equity and Compliance

3190 Alumni Drive, Suite 352

Anchorage, AK 99508

Phone: 907-786-0818

E-mail: uaa_titleix@alaska.edu

Website: <https://www.uaa.alaska.edu/about/equity-and-compliance/>

UAA Diversity Statement

UAA recognizes and values the diversity of our unique location in Southcentral Alaska, the ancestral homelands of the Dena'ina Athabascan, Ahtna Athabascan, Alutiiq/Sugpiak, and Eyak peoples.

The University fosters an inclusive, welcoming, and respectful campus community that promotes diversity, civility, inclusion, and an appreciation for each unique member of our academic community. UAA promotes and celebrates diversity through its academic and community support programs, clubs, committees, and councils. Intellectual honesty, mutual respect, and freedom from discrimination, intimidation, discriminatory harassment, and violence are central to our mission.

We honor diverse experiences and perspectives—including differences in ideas, religion, gender, gender identity, sexual orientation, ethnicity, race, culture, nationality, age, disability, veteran, and socioeconomic status—and strive to create welcoming and inclusive learning environments where all are treated with respect.

At UAA, valuing diversity is integral to excellence. Diversity maximizes our potential for creativity, innovation, educational excellence, and outstanding service to our communities.

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Program Overview

The Associate of Applied Science (AAS) in Diagnostic Medical Sonography (DMS) is designed for individuals who already have training and experience in a profession that provides direct care or treatment to people. This program prepares competent entry-level sonographers in the cognitive (knowledge), psychomotor (skills) and affective (behavior) learning domains. Examples of examinations performed by sonographers include abdominal, gynecological, fetal, breast, vascular, small part, and superficial structures. Graduates are prepared to sit for a national certification exam in diagnostic medical sonography.

Diagnostic medical sonographers provide patient services in a variety of medical settings assisting physicians with assessing and diagnosing medical conditions as well as monitoring fetal development. Diagnostic medical sonographers use specialized equipment that produces high frequency soundwaves to create images of organs, tissues, and blood vessels within the body.

Welcome Statement

The faculty and staff of the University of Alaska Anchorage (UAA) DMS Program would like to take this opportunity to welcome our new students. We are excited that you have chosen to attend our program and we hope your educational experience with us will be rewarding.

This handbook has been designed to answer questions you may have about the program. Ability, diligence, and desire to succeed will determine your progress. Your attitude, skills, professional habits, and quality of work will determine your success in the field. Your future is in your hands.

It is our sincere desire that, cooperatively, you will find the program both enjoyable and challenging. Do not hesitate to see your faculty, clinical coordinator, or program director when school-related problems arise.

The student is responsible for reviewing the information contained in this handbook and for signing the Evidence of Understanding form. The form is found on the last page of this manual. The signed form must be submitted to the Diagnostic Medical Sonography Program before the student is granted department approval to register for DMS program classes.

The handbook is designed to assist you in becoming familiar with various aspects of your chosen degree program. The handbook also contains information regarding clinical practicum placements and policies. This clinical portion of the handbook will be reviewed again before the first clinical placement.

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Please take the time to familiarize yourself with the contents so that you will know where to locate specific information as it is needed. Use this handbook in conjunction with the UAA Course Catalog. In addition, please take advantage of interacting with the program faculty.

The UAA Diagnostic Medical Sonography Program offers both challenges and rewards. We wish you success in advancing your professional career.

-The Diagnostic Medical Sonography Program Faculty

Program Description

University of Alaska Anchorage Mission Statement

The University of Alaska Anchorage (UAA) transforms lives through teaching, research, community engagement and creative expression in a diverse and inclusive environment. Serving students, the state, and the communities of Southcentral Alaska, UAA is a comprehensive, open access, public university established on the ancestral lands of the Dena'ina, Ahtna Dene, Alutiiq/Sugpiaq, Chugachmiut, and Eyak peoples”.

The current UAA Mission statement was adopted in 2021 along with a new 2025 strategic plan. UAA 2025 consists of five key aspirations to be reached by 2025:

1. We put students first.
2. We create a culture of equity and inclusion by embracing our diversity.
3. We embrace our role as a trusted and respected community partner.
4. We positively impact communities and the world through innovation.
5. We accelerate excellence through continuous improvement.

DMS Mission Statement

“To prepare competent entry-level general sonographers in the cognitive, psychomotor, and affective learning domains to meet Alaska’s health needs while promoting excellence in the sonography profession through advocacy, education, and community partnerships.”

Program Goals

- To prepare competent entry-level general sonographers in the cognitive (knowledge), psychomotor (skills) and affective (behavior) learning domains of Abdominal Sonography-Extended and Obstetrics and Gynecology Sonography.
- To develop competent sonographers who demonstrate proficiency in critical thinking and problem-solving skills.
- To develop competent sonographers who demonstrate proficiency in communication skills.
- To develop sonographers who model professionalism.

Student Goals and Learning Outcomes

Students graduating with an Associate of Applied Science in Diagnostic Medical Sonography will be able to:

- Demonstrate appropriate technical and effective skills in the clinical setting.
- Demonstrate patient-centered age-specific skills.
- Analyze images to determine diagnostic quality.
- Demonstrate critical thinking and problem-solving skills in both the didactic and clinical setting.
- Apply written communication skills to the construction of documents of record that are established professional guidelines.
- Apply communication skills to the explanation of ideas and scientific terminology.
- Explain cultural diversity and evaluate the role of cultural competency, values, and ethics in the patient care setting.
- Demonstrate proper work ethics.
- Examine the value of leadership, professional development, and growth.

Programmatic Outcomes

Review the current [Diagnostic Medical Sonography Program Data](#) on the UAA website.

Accreditation Statement

There are two types of accreditations for educational programs: regional and programmatic. This program is regionally accredited by the Northwest Commission on Colleges and Universities.

Program Contact Information

Program Director: Bridgett Mayorga, MS Ed, RDMS, RVT, RDCS, RT (R)
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blmayorga@alaska.edu

Physical Address

UAA School of Allied Health
Allied Health Sciences Building
3500 Seawolf Drive, AHS 148
Anchorage, Alaska 99508

Admissions Process and Requirements

Eligibility Requirements

1. Apply for admission to the University. Students must be considered degree seeking at the University of Alaska Anchorage. Students are encouraged to apply as a Diagnostic Medical Sonography (DMS) pre-major as their first- or second-degree program choice.
2. Meet with an academic advisor to develop an academic plan and learn more about the Diagnostic Medical Sonography program. Students are required to meet with an academic advisor to learn more about the career, program, application process and develop an academic plan.
3. Complete required courses. Students must meet all prerequisites listed in UAA Catalog for the DMS program with a grade of "C" or better.
4. **All students that intend to apply for admission to the professional phase of the program in the spring semester, must arrange to meet with a DMS Program Faculty member sometime in the preceding fall or spring semester prior to the application deadline. This meeting is to allow students to ask questions, sit in on a class, observe lab etc.**
5. Complete and submit application to the Diagnostic Medical Sonography Program. The application procedure process is listed below, and applications must be completed upon submission. Incomplete applications will not be considered for review. Students are encouraged to review the application checklist prior to submitting their application.

Admission Requirements

- Complete the [Admission Requirements for Associate Degrees](#).
- Complete the following courses with a minimum grade of C:
 - [BIOL A111](#) and [BIOL A111L](#)
 - [BIOL A112](#) and [BIOL A112L](#)
 - [MA A101](#)
 - [RADT A151](#)
- Submit a diagnostic medical sonography program application according to instructions and deadlines on the [program website](#).
- Provide documentation of:
 - Completion of a minimum of 8 hours of sonographer observation at two imaging facilities and documented on the program [observation form](#).

All students will initially be admitted to pre-major status. Admission to pre-major status does not guarantee subsequent admission to the major. As a pre-major, students work with an advisor to assist them in completing pre-major requirements and preparing to apply to the full major. The [program website](#) provides details on the admission requirements, process, and deadlines.

Special Considerations

- Once admitted to the full major, students will be required to submit results of a national level criminal background check for clinical practicum placement.
- Students may be required to show proof of immunizations prior to the start of clinical placement. [Immunizations](#)
- Students will be required to physically attend classes at the main Anchorage campus the first year of full major status.
- Students may be required to complete clinical training at sites around the state during the second year to satisfy training and graduation requirements. The travel, lodging, and other associated costs with assignment outside the Anchorage area is at the student's expense.
- Students may be required to show proof of health insurance prior to the start of clinical placement.
- Current Basic Life Support (American Heart Association) will be completed in the first semester of the program and is required of all students.

Application Process

Department Application Requirements

- 1. Complete eight (8) hours of sonographer observations at two different medical/imaging facilities.** Observations must be completed within 12 months of the application deadline. A clinical observation form must be completed and signed by the supervising sonographer at each facility. Please contact the DMS program or your College of Health advisor if you are having difficulties finding an observation site. [View/Print Clinical Observation Form](#)
- 2. Complete Diagnostic Medical Sonography Web Application.** Applicants are encouraged to review the sample application prior to starting the web application. Students are encouraged to review the [application checklist](#) prior to submitting their application to ensure all prerequisite requirements have been met.
- 3. Interviews will now be completed online.** Once the program receives the completed application, applicants will be emailed a link to the online interview. Interview questions must be recorded and submitted by the due date provided. Please ensure the email address listed on the application is correct. This is the email address all program correspondence will be sent.

[Link to application](#)

Program Structure

Academic Policies

<https://catalog.uaa.alaska.edu/undergraduateprograms/coh/diagnosticmedicalsonography/aas-diagnosticmedicalsonography/#text>

<https://catalog.uaa.alaska.edu/academicpoliciesprocesses/>

Program Schedule

<https://www.uaa.alaska.edu/academics/college-of-health/departments/school-of-alliedhealth/diagnostic-medical-sonography/course-sequence.cshtml>

Program Requirements

- Complete the [General University Requirements for Associate of Applied Science Degrees](#).
- Complete the [General Education Requirements for Associate of Applied Science Degrees](#).
- Complete all DMS major requirement courses with a minimum grade of C or higher.

Program Costs

[UAA tuition and student fees](#) are the major portion of the total program costs.

Additional costs include:

- Textbooks (Textbook affordability is taken seriously by this program. In many cases, one textbook will be used for multiple courses and free resources are used whenever possible.)
- Parking
- Course/Lab Fees- Laboratory and Clinical Practicum courses have additional lab fees. Please see course syllabi for a further breakdown.
- Clinical expenses and supplies including travel, meals and scrubs
- Background check and fingerprinting
- Basic Life Support (BLS) Certification
- [Immunizations](#) (available at the Student Health Center at a reduced cost) and other immunizations may be required by clinical practicum sites**
- Registry examinations (ARDMS, ARRT)

** The primary purpose of vaccinations is to protect an individual from infectious diseases. Students who are unable or unwilling to obtain one or more of the required vaccinations may be unable to complete their DMS A295 or DMS A295B Clinical Practicums as many clinical sites are requiring vaccination for student placements.

Labs/Clinical Requirements

Students must complete a 12-week summer practical lab in preparation for fall clinical placement. The lab meets three days a week with additional scanning time required outside of class. Lab requirements are detailed in the course syllabi. All required scanning time will be overseen by a DMS faculty member.

All DMS students must complete two (2) full time (40 hours/wk.) clinical practicum assignments over the program's second year. Clinical Practicum I begins in August and runs through December. Clinical Practical II begins in January and runs through May. Dates will vary based on the academic calendar for the university. Clinical placements are at various facilities (hospitals, clinics, private offices) around the state. The travel, lodging, and other associated costs with assignment outside the Anchorage area is at the student's expense.

Student Resources and Support

The University of Alaska Anchorage provides extensive academic support for students, and these supports are there to let students achieve the academic success they are truly capable of.

Student Resources

- [Student Help & Support](#) link in Blackboard
- Student support within the program: open labs
- [UAA Core Tools](#) are free to students and supported by the UAA Technical Support Center
- [Online Class requirements](#) includes what you need in order to participate in online courses.
- [Financial Aid Office](#)
- Student forms [reference request form](#)

Grievances

If a student has a complaint or grievance, they may follow the [UAA student complaint and dispute procedures](#). UAA's complaint and dispute resolution processes will be followed to address the complaint.

Other

Please review the current [UAA Student Handbook](#) for policies on children and minors on campus, service animals, and general responsibilities for maintaining a positive learning environment.

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FERPA

The Family Educational Rights and Privacy Act ([FERPA](#)) affords eligible students certain rights with respect to their education records. An "eligible student" under FERPA is a student who is 18 years of age or older or who attends a postsecondary institution.

In keeping with FERPA, students have the right to expect the information in their MA Program files will be kept confidential. Files may be accessed only by those College of Health personnel involved in advising, instructing or assisting students in an official capacity.

Graduation and Credentialing

Graduation Requirements

- Complete the [General University Requirements for Associate of Applied Science Degrees](#).
- Complete the [General Education Requirements for Associate of Applied Science Degrees](#).
- Complete the following major requirements with a minimum grade of C.

Code	Title	Credits
BIOL A111	Human Anatomy and Physiology I	3
BIOL A111L	Human Anatomy and Physiology I Lab	1
BIOL A112	Human Anatomy and Physiology II	3
BIOL A112L	Human Anatomy and Physiology II Lab	1
DMS A101	Introduction to Sonography Patient Care	2
DMS A103	Patient Care in Sonography	2
DMS A105	Principles and Instrumentation I	3
DMS A107	Abdominal Sonography I	3
DMS A109	OB and Gyn Sonography I	3
DMS A205	Principles and Instrumentation II	3
DMS A207	Abdominal Sonography II	3
DMS A209	OB/Gyn Sonography II	3
DMS A213	Vascular Technology	2
DMS A217	Fundamentals of Sonography Lab	1
DMS A219	Practical Sonography Lab	3

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DMS A292A	DMS Seminar I	3
DMS A292 B	DMS Seminar II	3
DMS A295A	Clinical Practicum I	9
DMS A295B	Clinical Practicum II	9
MA A101	Medical Terminology	3
RADT A151	Radiographic Physics	2
Total		65

A minimum of 74 credits is required for the degree.

*The Professional Phase of the program includes all courses identified by the DMS prefix.

Credentialing and licensure

The AAS in Diagnostic Medical Sonography prepares students for the Sonography Principles and Instrumentation, Abdomen-Extended, and Obstetrics and Gynecology examinations from the American Registry of Diagnostic Medical Sonographers (ARDMS) and the Sonography examination from the American Registry of Radiologic Technologists (ARRT).

Please go to UAA's [Authorization by State](#) website for information about licensure or certification in a state other than Alaska.

Career Information

The Diagnostic Medical Sonography (DMS) program provides education and training to prepare students for employment as a general sonographer. The program also prepares students for national certification exams from the American Registry for Diagnostic Medical Sonography and the American Registry of Radiologic Technologists, which many health care employers require.

Sonographers use a transmitting device called a transducer to send out high-frequency ultrasound waves into a patient. The reflected sound forms echoes, and those echoes generate a visual representation of the patient's internal organs, vasculature, and other soft tissue structures. The images produced are used to diagnose, treat, and screen for medical conditions. Sonographers work under the supervision of a radiologist or other physician in a variety of medical settings and health facilities.

The diagnostic medical sonography profession has three primary career paths: general sonography (abdominal organs, pregnancy, female reproductive system, and most of the other body systems), cardiac sonography (heart), and vascular technology (blood vessels).

Clinical Handbook

Introduction

The student clinical handbook is designed to provide the student with a clear and concise understanding of the operations, policies, and procedures of the clinical practicum portion of the Diagnostic Medical Sonography Program. Policies and Procedures governing the didactic portion of this program can be found in the UAA DMS Student Policy and Procedure Handbook. In order to be successful in sonography, students must learn to perform sonographic duties and examinations. This comes through working under the direct supervision of a sonographer in a health care setting. One of the keys to success in the clinical experience is to establish a rapport with clinical site staff at the beginning. A student's effort will also significantly impact how proficient they will become. Because clinical training is so important, the following expectations and policies have been established. Some of them may seem rigid, but they have been put in place to maximize your learning experience.

Clinical Guidelines and Policies

Professional Conduct

Students shall:

- Review pertinent clinical data, labs & history prior to starting the exam.
- Prepare the exam room and equipment prior to receiving the patient.
- Maintain patient safety and infection control at all times.
- Introduce themselves using the term Intern and their supervising sonographer to the patient.
- Check the patient's identification using two qualifiers, name and date of birth.
- Be discrete with regard to patient contact & modesty.
- Confirm they are performing the correct exam on the correct patient.
- Explain the exam to be performed to the patient and answer all patient questions to the best of their ability.
- Bring all issues and concerns regarding patients to the attention of the ultrasound staff.
- Follow the instructions of their clinical educators and supervising sonographers.
- Address all employees and patients using proper titles and names.
- Be respectful and courteous to all employees and patients at all times.
- Adhere to all HIPAA and other privacy rules.
- Never accept any kind of gratuity from a patient or their facility.
- Resolve disagreements and conflicts with staff or other students appropriately—the proper manner, time, and place.
- Bring to the attention of the clinical coordinator any unresolved conflicts with staff or students.

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- Immediately report to the clinical coordinator any mistreatment, discrimination, or unprofessional behavior by staff or other students.
- Not falsify any clinical forms or other programs or hospital documentation.
- Immediately report to the clinical coordinator any injury or exposure to infectious diseases while in the clinical setting.

***Violating any expected conduct mentioned above may result in academic discipline. ***

Clinical Attendance Policy

Attendance to all assigned clinical hours is mandatory

Students must complete the minimum number of hours in each practicum or receive a grade of fail. Clinical hours consist of working 40 hours weekly as assigned by the clinical coordinator and/or program director. A work week is designated as Monday – Friday; some clinical sites may include Saturday or Sunday as a workday. Students may be assigned a Saturday or Sunday if competencies still need to be met. See **Clinical Hour Requirements** under the **General Objectives of Clinical Rotation** for further definition of hours.

Students shall:

- Report to work at least 10-15 minutes before the designated start time, prepared for the 'work' day. Student report times shall be deemed by the clinical sites regular work schedule.
- Not leave while completing an examination to go to lunch or to leave for the day, even if their scheduled time to leave has come. The only exception is to attend class or go to a medical appointment.
- Not start early or stay late unless requested by the clinical instructor or clinical coordinator.
- Not work evenings, nights, or weekends unless scheduled and approved by the clinical coordinator or program director.
- Not leave the clinical site during hours they are assigned to work except for lunch, to attend class, or go to a medical appointment.
- Not work through their lunch break with the intent to leave work early.
- Not work more hours one day with the intent of working fewer hours on another. Working additional hours is only allowed to make up missed time and must be approved by the clinical coordinator or program director.
- Changes to a student's work schedule (e.g., shift change) must be approved by the clinical coordinator and/or program director.
- Take a lunch break equal to the duration established for full-time employees at the clinical facility currently assigned. The lunch break does not count towards the total number of clinical hours and is deducted from the approved hours in Trajecsys. Students may take one 15-minute break before lunch and one 15-minute break after lunch.

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Absence

Students are expected to be present during all scheduled clinical times. If an absence occurs due to illness or other circumstances during clinical hours, the student must notify their clinical instructor **and** clinical coordinator immediately.

For each unapproved absence a written warning will be given. If a student receives more than 3 warnings at any time during the semester of clinical practicum, the student will be placed in probationary status and is at risk of failure of the course.

Students are expected to use the Trajecsys Reporting System to clock in/out each day and must follow all instructions to receive credit for attendance. All absences must be recorded in Trajecsys including absences and approved personal leave time. (See instructions under **Trajecsys Reporting System**)

Excessive absenteeism

Students absent more than 64 hours of cumulative practicum time in one semester will be placed in Probationary status and unable to complete the program by the scheduled completion date.

Inclement Weather Policy

Your practicum course is to prepare you for the workforce. In the situation of inclement weather, use your best judgement in ways of safety to get to your clinical site. If the UAA campus closes and switches to online learning, this does not mean that you do not need to attend clinic. Please refer to the UAA policy [for weather closures and delays](#). In the event you feel road conditions are unsafe for travel please notify the clinical coordinator and clinical site as soon as possible. Your safety is our priority, however, realize that taking a day off may be deducted from your personal days.

Bereavement Leave, Holidays, Sick and Personal Time

Each semester there is a designated number of hours that must be attended by the student per the course syllabus. The program has allotted students five (5) personal days for each Clinical Practicum semester. Five (5) days for Clinical Practicum I and five (5) days for Clinical Practicum II. These personal days are in addition to the scheduled university closures. Personal days are to be used for illness, scheduled approved leave and appointments. Students are encouraged to be prudent with using these days. Personal days are not rolled over to the next clinical practicum. If the student has exhausted the 5 days in either practicum semester, they are at risk of not completing the program by the scheduled completion date. There are no exceptions.

Requests for personal leave of more than 1 consecutive day outside scheduled school closure days, students must complete and submit the Leave Request Form and receive approval **no less than 2 weeks before** the needed time off.

A medical leave of absence of more than three days requires a physician's release for a student to return to clinical practicum and a negative COVID-19 test.

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An extended leave of absence for any reason may require the student to be removed from their clinical site, placed in Deferred Grade Status and/or be delayed in being placed in another suitable site. Students requesting extended leave may not be able to complete the program by the scheduled completion date. Should a student need an extended amount of time off for bereavement, illness, or personal time the following will apply: For every 30 consecutive days of leave time from practicum a student will need to attend an additional 40 hours for each segment of 30 days absent. The student will be placed into Deferred Grade status and must

plan to return to clinical practicum within one year from the date the leave time began. For a student in deferred status the clinical coordinator will design a written agreement outlining the completion requirements, the student must sign the agreement. Students returning to practicum may be required to undergo a scanning skills evaluation and to take a written exam to assess their clinical knowledge before receiving a clinical site assignment.

Should the make-up time exceed the one-year limit special arrangements will need to be made with the Program Director for program completion. For further information, see **Clinical Hour Requirements** of the Student Clinical Handbook.

Tardiness

Tardiness is unacceptable, students are expected to arrive 10-15 minutes **before** their scheduled start times. If a student is going to be tardy due to inclement weather, a traffic accident, etc., the student must contact the clinical coordinator and the site clinical instructor as soon as possible to notify them of the unavoidable tardiness. Failure to do so will result in tardiness being unexcused and the unexcused absence policy will be applied.

Three (3) unexcused tardiness in a semester constitutes a violation of the attendance policy resulting in academic alert and/or probationary status. Tardiness is defined as more than 5 minutes past the scheduled start time.

Illness

If a student becomes ill and cannot attend a scheduled clinical day, they must immediately notify their clinical instructor by the communication that is established by the clinical instructor. They must also notify the clinical coordinator as soon as they are able. A record of the illness must also be logged in Trajecsyst using the time exception feature, see **Trajecsyst Reporting System**. The number of days the student is absent from the illness will be deducted from the 5 personal days.

A medical leave of absence of more than three days requires a physician's release for a student to return to clinical practicum and negative COVID-19 test.

Communicable Disease Policy

Students are to report immediately to their clinical instructor and the clinical coordinator should they become ill from all types of infectious/contagious disease. Students with an infectious disease or condition are not permitted to work with patients until they have presented medical documentation from a health care provider to the clinical coordinator and

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clinical instructor at their assigned clinical site they have been cleared to return to work. Students shall adhere to the infectious/contagious disease policy of their clinical site. This will override any attendance policies in this student clinical handbook.

Dress Code

Students must follow the dress code and personal appearance policies of the site they are assigned and the DMS program when in the clinical environment.

- Students must wear the designated scrubs, under shirts short or long sleeved must be white or black only. Socks should be white or black. Footwear must be conservative in color and appearance and must meet site requirements.
- ID badges may be clipped or worn using the provided neck lanyard.
- Students may wear a lab coat or warmup jacket authorized by the clinical site.
- Students should maintain good hygiene and present a neat, clean, and well-groomed appearance including hair, clothing etc.
- No facial or tongue piercings are allowed during clinical times.
- No fragrances or other offensive odors.
- In addition to the above policies, students are expected to also follow the dress code expectations of the facility they have been assigned.

Cell Phone and Computer Use

- Students are not permitted to make or receive phone calls or send text messages during the hours they are assigned to work. Students may use their phones **only** during their lunch and breaks.
- If students are given access to a computer for use in the performance of their duties, they may not use it to browse the Internet, email, or play games.
- The use of electronics of any kind is not permissible in any patient care areas for any reason other than exam completions.
- Students may only use an iPad or other tablet computer to reference course texts or other academic information during hours assigned to work. While at assigned practicum sites students are expected to utilize every opportunity to be scanning patients; therefore, students are not permitted to use electronic devices for any reason if there are sonographic duties to be performed.
- The use of social media is not permitted while at the clinical site or in the lab. Posts cannot be made on platforms such as Facebook, TikTok, Twitter, Instagram, Snapchat, etc. No personal posts should include your student nametag or clinical badge

The receipt of three behavior warnings for any clinical attendance policy violations in a semester will result in an academic alert and/or probationary status placement.

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Incident Report

Should an incident or injury occur at the clinical site, it must be reported immediately to the clinical instructor and clinical coordinator. All policies through the university and clinical site governing incident reporting shall be followed. An incident report will be completed.

Clinical Program Structure

Supervision

Your clinical supervisors are presiding at all times

Direct Supervision is defined as student supervision by a registered qualified sonographer who shall determine students' ability to perform an ordered exam, assess patient condition and presentation, and be physically present during the entire exam.

Indirect Supervision is defined as student supervision by a registered qualified sonographer who assures the student has met competency in the ordered exam and has been cleared by the clinical coordinator. Supervising sonographers shall remain immediately available in an adjacent area to the location where the exam is performed. In the case of indirect supervision, images must be reviewed, and the patient must be rescanned by the supervising sonographer before patient dismissal.

****Students will not take the place of a qualified staff sonographer***

Family/Friends working at a Clinical Site

It may be deemed a conflict of interest for a student to be supervised or evaluated by family members or friends employed at their clinical site. If this situation arises, the student should inform the clinical coordinator or program director immediately, so that alternative arrangements can be considered.

Responsibilities of Clinical Instructors and Preceptor Sonographers

Each facility will have a designated qualified clinical instructor who is responsible for overseeing student training at the site. The clinical instructor communicates directly with the clinical coordinator with regard to all performance aspects and competencies.

Responsibilities of the clinical instructor:

- Determines students' ability to perform an ordered exam, assess patient condition and presentation.
- Allows the student as much scanning time as possible without disruption of departmental patient flow.
- Provides student encouragement and constructive criticism in scanning applications, imaging of anatomy and pathology, patient care, departmental employee and physician interactions.
- Discusses strategies with students to improve their clinical experience.
- Reports all serious student deficiencies and concerns to the clinical coordinator.

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- Understands and practices the SDMS Code of Ethics and Scope of Practice Clinical Standards.
- Provides the student with a consistent protocol to follow while performing exams. We ask that the student be given only one protocol to follow and not be expected to follow other protocols if they differ.
- Complete in a timely manner the time and exam log sheet approvals, performance evaluations and competencies using the Trajecsys reporting system. Completion dates and times are designated by the clinical coordinator.

Responsibilities of Clinical Coordinator

- The clinical coordinator is responsible for providing program training requirements to the clinical instructors and preceptors.
- Maintains open communication with clinical instructors with regard to student proficiencies.
- Ensures that there are enough clinical sites for students to be placed at during their clinical rotations.
- Makes periodic visits to each clinical facility where a student is assigned.
- Advises and provides tutorial assistance to clinical instructors and preceptors as needed.
- Advises and provides tutorial assistance to students as needed.
- Observes students as they perform tasks and duties related to training periodically.
- Performs periodic student evaluations throughout the semester.
- Maintains student proficiency scores and adjusts clinical rotation as needed based on student competency needs.
- Understands and practices the SDMS Code of Ethics and Scope of Practice Clinical Standards.

Site Visit Policy

Each student will receive a minimum of one to two clinical site visits during the fall & one in the spring semester and one clinical site visit for Capstones during the summer semester. Additional clinical site visits may be deemed necessary if a student is in need of additional instruction, has been placed in remedial status or at the request of the practicum site staff. In the event the student is at a remote site, clinical visits will vary from one to two days. Each site visit will include the following actions:

- An email will be sent to the clinical instructor and student prior to the visit.
- The length of visit will vary depending on the student's and clinical site's needs.
- The clinical coordinator will make every effort to observe the student perform 3 different types of exams during the site visit.
- A meeting will be arranged with the student and clinical instructors to discuss the student's goal setting and performance.
- Any concerns will include a short-term follow-up visit.

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- A site visit summary report will be completed and made available for the student as well as placed in the student's record.

Responsibilities of Students

Students are responsible for contacting their designated clinical site prior to 1st clinical day for any required orientations.

Students will:

- Comply with all federal and state laws relevant to the health care service they are providing (i.e., HIPAA and PHI).
- Comply with all policies and procedures for the site they are assigned.
- Comply with additional background checks and drug testing required by each site they are assigned.
- Comply with all required documentation, orientation and training for each site they are assigned.
- Students are required to abide by the academic policies of UAA while in clinical training.
- Students are not permitted to work with patients while under the influence of intoxicants, illegal drugs, or prescription medications affecting cognitive and psychomotor capabilities.
- Students may ask preceptors questions that facilitate learning and understanding but may not quiz them for the sake of evaluating their academic knowledge. However, preceptors are encouraged to quiz students for the sake of evaluating student academic knowledge.
- Report any disagreements with information/instruction from a preceptor, the student will not debate it with the preceptor. The student should get clarification from the clinical instructor and/or the clinical coordinator and let them address the preceptor if any misinformation was given.
- Report any issues or concerns with the involvement or quality of training received from a preceptor should be brought to the attention of the clinical educator (unless they are the same person) and the clinical coordinator/instructor.
- Understand and follow the practices of the SDMS Code of Ethics and Scope of Practice Clinical Standards.
- Treat patients with kindness, courtesy and respect. When getting patients from their rooms or patient waiting areas, students introduce themselves and try to establish a rapport. Once the patient is in the ultrasound room, keep the door or curtain closed. Make sure that undressed patients are properly gowned or covered up.

Clinical Affiliates Rights and Responsibilities

Each clinical affiliate in the DMS program has a right to:

- Be informed of program procedures, policies and accreditation requirements.

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- Have representation at each regularly held advisory board and clinical instructor meeting.
- Have open and objective communication from program faculty.
- Expect students to respect patients, property, staff technologists and other personnel while at their facility.
- Expect students to follow all practicum site policies and procedures.

Each clinical affiliate has a responsibility to:

- Inquire about program procedures and requirements, if its staff does not have the information or does not understand it.
- Provide input and guidance via avenues such as the advisory committee and clinical instructor training.
- Provide students with adequate department orientation and up to date procedure manuals.
- Provide an environment which promotes learning and embodies the professional attitude that students are striving to emulate.
- Provide the student with adequate opportunities to apply his/her learning.
- Takes measures to ensure the safety of the student from harm while he/she is at their facility.

General Objectives of Clinical Rotation

Clinical Assignments/Rotations

The rotation schedule is set by the clinical coordinator and/or the program director with every effort made to provide a variety of rotations to meet clinical competency requirements. Due to clinical circumstances, a student's rotation may be changed at any time. Assignments to clinical training sites will not be determined by student preference nor altered to accommodate personal schedules. Assignments are intended to provide the student with a comprehensive clinical education as deemed appropriate by the faculty. Selection for students' clinical assignment will be based on their knowledge and skill level at time. The site chosen for the student is to assure they are directed toward reaching the highest level of competency in sonography and success in program completion. If a student declines to accept the clinical site assigned, they will not be able to complete the program. In rare instances, an exception may be made by the clinical coordinator and or program director for matters such as student safety.

Clinical Hour Requirements

Required clinical hours are 1380 hours during the practicum year. These hours are based on 40-hour work weeks. Therefore, in order for the student to achieve the required number of hours the DMS clinical rotation does not participate in the no class days that occur during each semester. It is understood that each clinical site may have departmental closures that may affect the students' ability to achieve the needed hours in each semester. For students to

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reach the required 1380 hours the following schedule has been developed for each semester: Both fall & spring semesters, students will be in practicum for 18 weeks. An additional make-up week has been set up prior to Christmas break. This schedule allows for 5 personal/sick days each semester. Students are encouraged to use these days prudently. Students requesting personal days must follow the guidelines designated under the Personal Time policy stated within this handbook. Achieving 1380 clinical hours will qualify the student to receive a program completion letter needed to take their registry and to meet graduation. Lunch and breaks are not considered a part of the clinical hours. Should a student achieve 1380 hours before the scheduled end date of the final semester they will still be expected to attend practicum until the end of the final semester. No student will be allowed to finish the practicum semester early. Personal time can not be taken and will not be approved in the last two weeks of the final semester of the program prior to graduation. **NO EXCEPTIONS.** If the student is unable to achieve the required 1380 hours in practicum due to unforeseen circumstances, they will receive a Deferred grade and scheduled for additional clinical assignments until they have completed the 1380 hours of requirement.

Assignment of Student Duties

Students will be responsible for:

- Performing all examinations assigned to them by staff sonographers.
- Checking and stocking all supplies in the area to which they are assigned.
- Keeping assigned areas neat and clean.
- Maintaining a professional attitude at all times.
- Following the administrative policies established by their clinical sites.
- Maintaining a professional behavior which is not limited to patients but extended to and reflective in the way you communicate with physicians, supervisors, co-workers and fellow students.
- Offering their assistance as support staff when no assignments are available.

Clinical Competency Plan and Grading

Performance

- Students must not attempt or perform any procedure for which they have not received instruction.
- Students are required to follow the Supervision policy at all times.
- Students who do not follow the performance standards will be at risk for not achieving a passing grade for the semester and completing graduation requirements.
- Exceptions for not completing competencies by the required time period will ONLY be given in cases when the students' patient case load does not support the required number of exams performed to make the competency available in the Trajecsyst Reporting System.

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Semester Expectations

Each semester the student will:

- Maintain a clinical weekly time log and exam worksheet in the Trajecsys Reporting System of the hours present at the clinical site and all sonographic examinations they observe, assist with and perform.
- Daily record exam participation in Trajecsys under the daily log sheet recording the level of participation.
- Record time clock in and out using Trajecsys under the clock in/out feature.
- Create and review a monthly goal sheet with their clinical instructor and submit a copy to Blackboard by the deadline date. At the end of the month, they will review with the clinical instructor their improvement and success at completing their goal and will submit a copy to blackboard by the deadline date.
- Perform a monthly self-assessment by reviewing at least 3 prior exams that they have performed. The self-assessment must have the supervising sonographer's name that was present for that exam and be submitted to Blackboard by the.
- During the practicum year, every student will have monthly clinical performance evaluations conducted by the clinical instructor.
- Be responsible for monitoring their exam numbers for competency eligibility and to perform and complete competencies within a reasonable amount of time after achieving the required number.
- For additional semester expectations see the syllabus for each of the clinical practicum courses: A295A and A295B

Clinical Performance Evaluations

During the course of each semester students will be evaluated on the following:

- Oral and written communication
- Basic patient care and comfort
- Knowledge and understanding of human gross and sectional anatomy
- Knowledge and understanding of acoustic physics, Doppler principles and instrumentation
- Professional judgment and discretion
- Quality assurance and self-monitoring
- Continuing education
- Employment of correct ergonomics and scanning techniques
- Demonstrates the ability to perform sonographic examinations of the abdomen, superficial structures, gravid and non-gravid pelvis, general and procedural sonography. And recognize sonographic appearances of normal and abnormal anatomy
- Demonstrates the ability to recognize, identify and appropriately document sonographic appearances of disease, pathology and pathophysiology

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- Demonstrate knowledge and understanding of a sonographer's role in performing interventional/invasive procedures
- Understands biological effects and the practice of ALARA

Each month performance evaluations will be completed on the practicum student by the clinical instructor via the Trajecsys Reporting Systems. Students are expected to maintain a level of 80% or better with each performance evaluation. If a student receives a failing grade on a performance evaluation, the student will receive a written academic alert. The student will be given the opportunity to achieve a passing grade on the next monthly evaluation. If the student remains in failed status on the next performance evaluation the student will then be placed in a probationary status and policies found within this handbook for probationary status will remain in effect until the student completes the semester.

Clinical Progress Evaluations

At least one to two times within each semester, the clinical coordinator will visit the student and observe them performing a minimum of three exams at their clinical site. During this visit the clinical coordinator will complete a progress evaluation designed to check student performance in the areas designated above to assure the student is progressing at a reasonable pace towards the goal of completing the DMS program. Student's must receive a passing grade of 80% or better on progress evaluations.

Evaluations for Competency

A multi-tiered competency process has been designed to assure that the student receives an adequate amount of clinical experience in each exam category to gain the necessary knowledge to perform a quality sonographic exam, along with recognition and evaluation of sonographic pathology.

Adjustments to the competency schedule below may be deemed necessary by the clinical coordinator based on a student's clinical site and availability of exams. Students are required to perform a competency in an exam within a reasonable amount of time once they are eligible.

For successful completion of the Diagnostic Medical Sonography program a student shall demonstrate competency in the 19 mandatory and 3 elective exams plus receive a successful Capstone evaluation.

Initial Competencies –Students are required to achieve 10 initial competencies throughout their practicum assignments. To be eligible for an initial competency, the student will need to have met the required number of exams set on the Matrix from columns 4 and 5 in the Trajecsys Skill Summary report. It is encouraged that students complete their ten initial competencies in the Fall semester to allow ample time to complete all competencies on time. If a student cannot complete an initial competency because they do not have the volume or perform a certain exam at their chosen site, these can be delayed until the spring semester. If an initial competency is coupled with a professional competency, it must be completed before attempting it.

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Professional Competencies – To be eligible students (if required) must have passed the initial competency with a grade of 80% and will need to have met the required number of exams set on the Matrix from column 5 in the Trajecsys Skill Summary report. Students are required to achieve 20 professional competencies throughout their practicum assignments. Professional competencies are to show an understanding of the protocol required and can demonstrate a level of proficiency to complete this exam alone as a performed exam. These competencies can be completed in the Fall semester.

Elective Competencies – Students are required to achieve 5 elective competencies throughout the practicum assignments. To be eligible for a professional elective competency the student will need to have met the required number of exams set on the Matrix from column 5 in the Trajecsys Skill Summary report. There are 18 electives to choose from.

Voiding a competency: All competencies can be revoked at any time, requiring the student to perform an additional competency to replace the previous one. Competencies can be revoked for a variety of reasons including but not limited to a loss or lack of proficiency in a certain competency at any point throughout the practicum. For example, if a student passes a Thyroid initial and professional competency in the Fall semester, but the clinical instructor at the spring site notices a lack of understanding in protocol, measurements, TI-RADS, documentation, etc., they can petition the competency to the clinical coordinator to review. If it is deemed there is a loss in proficiency the previous competency will be voided, and the student will be required to perform the competency again after demonstrating a better understanding of the material and protocol. Another example is if the student passes a competency in either semester however during the clinical coordinator's site visit the student does not show proficiency in a completed competency. The clinical coordinator may void any competency deemed non-proficient which would require them to repeat it.

To successfully complete DMS A295A, students must perform a minimum of 10 mandatory competencies with a minimum score of 80% or better on each evaluation. These 10 competencies can be from the initial and professional categories. These competencies are due by the last week of the fall semester.

To successfully complete DMS A295B, students must complete all 35 competencies (10 initial, 20 professionals, and 5 elective) with a minimum score of 80% or better on each evaluation. These competencies are strongly encouraged to be completed by the beginning of April to avoid delays but must be completed one week prior to graduation.

For each exam type the clinical instructor will complete an evaluation using the Trajecsys Reporting System, the student must also sign the competency evaluation and provide any necessary comments in the Trajecsys Reporting System. Students must follow all instructions on the clinical competency evaluations in order to receive credit. The student may choose any qualified sonographer to evaluate them including the clinical coordinator. The qualified sonographer must be registered in the area that they are requesting the competency. In

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light of special circumstances when a sonographer registered in the area of the competency is not available an interim registered sonographer may be appointed.

Exceptions for not completing competencies by the required time period will ONLY be given in cases when the students' patient case load does not support the required number of exams performed to make the competency available in the Trajecsys Reporting System.

Capstone Evaluation – The Capstone evaluation emphasizes knowledge integration, demonstrating development of life-long skills and enduring values, and training for effective transition from school to career. The course consists of several requirements:

- First, students complete a substantial clinical practicum experience that integrates the clinical experience in diagnostic medical sonography with coursework specific to the AAS in Diagnostic Medical Sonography major.
- Second, students must have completed all requirements in A295A and A295B with a passing grade of 80% or better.
- Third, students participate in activities to facilitate the planned transition from undergraduate study to post-graduate careers.
- Fourth, students have successfully completed or are close to completion of the 35-program mandatory and elective competencies. Students will have their capstone

evaluation completed by the clinical coordinator, program director, or eligible faculty member at the clinical site they are assigned sometime during the DMS A295B practicum course. Capstones will consist of observation of exam performance as well as patient care, clinical operations and communications with various staff members of an imaging department.

Capstone evaluations begin once the student has completed all requirements in the A295B course and has maintained a level of 80% or better on all exam competencies and performance evaluations. If the student is still working towards their proficiencies, it can potentially delay a Capstone from being performed until the end of April. If the student has less than five remaining competencies to complete and have met the requirements, a Capstone may be scheduled prior to completion of the competencies with the understanding that the Capstone grade will not be submitted until the remaining competencies are performed.

Competency Matrix

- Eligibility requirements for initial and professional competencies are listed below. Some exams require only a professional competency while other exams require an initial and professional competency to be completed during your clinical rotations.
- The numbers in the (parenthesis) are the total number of exams found on the Trajecsys Skill Summary report for columns 4 [minimal assist] and columns 5 [performed]. Numbers that are colored in blue can be

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calculated from both columns 4 and 5, while numbers colored in red can only be calculated from your performed exams in column 5.

- During your two clinical rotations you will need to complete 30 **MANDATORY** exams and 5 **ELECTIVE** exams to complete the program. A minimum of 10 MANDATORY competencies of your choice are required before the end of the Fall Semester.

EXAM TYPE	INITIAL COMPETENCY	PROFESSIONAL COMPETENCY	Requirement for eligibility
Non-Cardiac Chest/ Pleura 1 Comp total			MANDATORY (5)
Abdomen Complete 1 Comp total			MANDATORY (10)
Abdomen Limited 2 Comps total			MANDATORY (5/15)
Abdominal Wall (Hernia) 1 Comp total			ELECTIVE (5)
Aorta 1 Comp total			MANDATORY (5)
Appendix (GI Tract) 1 Comp total			ELECTIVE (5)
Elastography 1 Comp total			ELECTIVE (5)
Prostate 1 Comp total			ELECTIVE (5)
Renal Complete 2 Comps total			MANDATORY (5/15)
1st Tri OB TA (>6wk <14wk) 2 Comps total			MANDATORY (5/10)
1st Tri OB TV (>6wk <14wk) 2 Comps total			MANDATORY (5/10)
2nd and 3rd Tri OB Anatomy 1 Comp total			MANDATORY (5)
2nd and 3rd Tri OB Growth 1 Comp total			MANDATORY (5)
Biophysical Profile 1 Comp total			ELECTIVE (5)
Female Pelvis TA 2 Comps total			MANDATORY (10/15)
Female Pelvis TV 2 Comps total			MANDATORY (10/15)
Breast 1 Comp total			ELECTIVE (5)

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Lymph Nodes 1 Comp total			ELECTIVE (5)
Musculoskeletal 1 Comp total			ELECTIVE (5)
Salivary Glands 1 Comp total			ELECTIVE (5)
EXAM TYPE	INITIAL COMP 1ST SEMESTER	PROFESSIONAL COMP 2ND SEMESTER	Requirement for eligibility
Scrotal 2 Comps total			MANDATORY (5/10)
Superficial Structures 1 Comp total			ELECTIVE (5)
Thyroid 2 Comps total			MANDATORY (5/10)
Carotids 2 Comps total			MANDATORY (5/10)
Lower Extremity Venous 2 Comps total			MANDATORY (5/10)
Liver Doppler 1 Comp total			ELECTIVE (5)
Mesenteric Doppler 1 Comp total			ELECTIVE (5)
Renal Artery Doppler 1 Comp total			ELECTIVE (5)
Upper Extremity Venous 1 Comp total			ELECTIVE (5)
Pediatric Head 1 Comp total			ELECTIVE (5)
Pediatric Hips 1 Comp total			ELECTIVE (5)
Pediatric GI Tract 1 Comp total			ELECTIVE (5)
Pediatric Spine 1 Comp total			ELECTIVE (5)
Patient Care 1 Comp total			MANDATORY (5)
Equipment/Probe Care 1 Comp total			MANDATORY (5)
Portable 1 Comp total			MANDATORY (5)
Interventional 1 Comp total			MANDATORY (5)

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Sterile Technique 1 Comp total			MANDATORY (5)
Other:			ELECTIVE (5)
Other:			ELECTIVE (5)

Trajecsys Reporting System

Trajecsys is the DMS programs' online time clock, exam log and clinical performance evaluation program. It is used by the student, clinical instructors and clinical coordinators to track student's clinical time, exam performance levels and clinical performance levels.

Clocking In/Out

Log on to www.trajecsys.com using the clock in/out feature choose your site and clock in/out. This should be done when you arrive at your facility and before you leave. The Trajecsys Reporting System has GPS tracking which will record your location in the time record. Students will only be permitted to clock in/out when physically present at their assigned site. The student's location is only recorded when using the clock in/out feature of Trajecsys. Students are permitted to use their cellular phone or their tablets to access Trajecsys for this feature. Should a student have difficulty with the clock in/out or internet is not available students must contact the clinical coordinator using the Trajecsys email system as soon as possible and provide a detailed explanation of why they were unable to use clock in/out.

Time Exceptions

This feature should only be used for the following: Recording absences, scheduled personal leave requests, working past the scheduled clock out time, make up days and forgot to clock in/out. Choose the date, enter in a clock time (using military time recording), select reason for the time exception and provide a detailed explanation if necessary ie. stayed over to finish a patient, be sure to clock out if you are absent or recording make up days. If you are recording a makeup day under explanation provide the date 00/00/00 of the day you are making up.

Daily Log Sheets

At the end of each practicum day students must record the exam, number of exams, participation level, pathology seen, supervising sonographer and the time spent on each exam. Participation levels are as follows:

Observed: Student did not participate on any level during the exam

Full Assistance: Student performed either partial or all of the exam with 75% or more assistance from the supervising sonographer

Minimal Assistance: Student performed partial or all of the exam with less than 25% assistance from the supervising sonographer

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Performed: Student performed all of the exam with only observation by the supervising sonographer. It is understood that some clinical sites may have a policy that they take some images. The exam can still be considered performed.

Reports

Students will be able to view time totals, exam participation, pathologies and evaluations under this feature.

Competency Evaluations

Under this feature, students can view their competency evaluations, provide comments and sign their competency.

Evaluations

Under this feature, students can view their performance evaluations; sign and provide any comments they feel are necessary to the evaluation.

At the end of the clinical rotation, students will complete an evaluation for the clinical site and instructor. In the event the student has been assigned multiple sites, they will complete an evaluation for each individual site and instructor.

Student Site Reports and Practicum Rotation Evaluations

At the end of each clinical rotation each student will:

- Write and submit an internship report for each clinical site they have been assigned. This report is to be submitted at the end of each rotation in Blackboard by the deadline date.
- Complete a clinical site and clinical instructor evaluation for each clinical site they have been assigned using the Trajecsys Reporting System. ravel, equipment, retention, remediation, expectations, workload, etc.

Grading Policy

Clinical Practicum courses are graded on a Pass/No Pass basis.

Students must maintain an 80% or better throughout the semester to receive a grade of Passing. Students who fall below 80% will be placed in academic alert status. The student must increase to a minimum grade of 80% by the next scheduled evaluation or risk being placed on probationary status. At any time during probationary status if the student falls below an 80% grade the student may be removed from practicum, be at risk for not completing the course and program requirements for graduation. Students removed from practicum at any time during a practicum year are at risk for failure to meet graduation requirements of the DMS program.

Academic Alert/Probation/Deferred Grade/Suspension/Dismissal

In order to be successful in sonography, students must learn to perform sonographic duties and examinations. Students are required to make every effort to do their best and to display a professional attitude, necessary to promote a positive image of sonography to patients, fellow students, supervising sonographers, facility employees, physicians, the university and the

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general public. If a student fails to abide by the policies and procedures established within this handbook, they have failed to promote a positive image of the Diagnostic Medical Sonography profession and thus may become subject to the actions stated below.

Academic Alert will result from

- Receiving a score of less than 80% on any performance evaluation
- Failure to maintain a grade of 80% throughout practicum
- Performing poorly in one or several areas of his/her training
- Excessive Tardiness/Absenteeism
- Missing more than 64 consecutive hours of scheduled practicum time
- Failure to accomplish competency levels at the designated times, exceptions would be if a student has been placed at a clinical site that does not offer the student a specific exam type ie. Vascular, OB Academic alert will remain in place until the next performance evaluation. If a student is placed on Academic Alert two consecutive times during any semester the second alert will automatically place the student in Probationary Status. An Academic Alert form will be completed by the clinical instructor, clinical coordinator and the student. A follow up visit will take place preceding the next scheduled performance evaluation.

Probationary Status

- A second academic alert has been received
- Receiving a score of less than 80% on any performance evaluation
- Failure to maintain a grade of 80% throughout practicum
- Excessive Tardiness/Absenteeism
- Missing more than 64 consecutive hours of scheduled practicum time
- Performing poorly in one or several areas of his/her training and has not made an effort to improve
- Failing to complete competency levels with a passing grade
- Reports of/or removal from a clinical site for unacceptable performance or behaviors
- Any situation outlined in the University Student Handbook and Code of Conduct

Probationary status will remain until the completion of the DMS course. A Probationary Status form will be completed by the clinical coordinator and the student. A follow up visit will take place preceding each scheduled performance evaluation until the student has demonstrated marked improvement in the areas of deficiency.

Deferred Grade Status

A Deferred Grade status may be given for a student who has not been able to complete competencies based on unavailability of exam types or have not been able to complete their required practicum hours due to circumstances beyond their control such as facility holiday closures.

If a student has received an accepted request for extended leave time for certain circumstances beyond their control the student will receive a Deferred Grade status and an

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outline of course requirements for completion will be drafted for the student to sign from the program director and/or the clinical coordinator. The student may or may not be assigned the same clinical site that they attended at the time of their leave and may be placed at a clinical site outside the universities or student's home area. (For further clarification on extended leave time see Attendance section of this Handbook)

Suspension/Dismissal

- Any further probationary or academic alert notices while on probation
- Receiving a score of less than 80% on any performance evaluation
- Failure to maintain a grade of 80% throughout practicum while on probation
- Excessive Tardiness/Absenteeism
- Performing poorly in one or several areas of his/her training and has not made an effort to improve
- Failing to complete competency levels with a passing grade after one additional attempt while on probationary status
- Performing an exam on the wrong patient or performing the wrong exam on a patient
- Any negligent activity that could lead to patient harm or injury
- Breach of patient confidentiality or HIPPA violations
- Removal from a clinical site for unacceptable performance or behaviors
- Unsafe practices
- Any situation outlined in the University Student Handbook and Code of Conduct

Should a student be placed on suspension or be dismissed from the program, established University protocols and guidelines will be followed. Student program suspension or dismissal will be overseen by the program director and the clinical coordinator.

SITE SHARING POLICY

In order to provide a well-rounded experience for all students, sites may be asked to share students and to determine an appropriate rotation schedule. It is up to each site to determine whether or not they are willing to be a shared site with another facility. Common reasons for sharing sites are as follows:

- A certain specialty is in short supply at some sites. We find this to be especially true with OB and Vascular.
- Students may not be able to perform in-patient or emergency care at certain sites.
- Students may not be exposed to physician interaction, interventional procedures, or other experiences that are essential to prepare a student for entry level employment.
- Each site should work to communicate to the benefit of the student.

SUMMARY

The clinical coordinator/instructor is responsible for enforcing the policies outlined above and determining the appropriate course of action for violations. This includes any behaviors implied

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by a stated policy. The clinical coordinator reserves the right to make changes to the Student Clinical Handbook, to include adding new policies. Students and clinical instructors will be notified in writing via email of any changes. If a policy has been added or changed, it will go into effect the third calendar day from the date the notification was sent. Students are responsible for knowing the information in this handbook and should request clarification on any information they don't understand prior to beginning practicum to ensure compliance.

Some policy violations carry different consequences. Some result in receiving a grade of No Pass, an academic alert, probationary status and suspension/dismissal from the practicum and the DMS program. Dismissal from the practicum and/or receiving a grade of No Pass will impact a student's ability to continue and graduate.

Dismissal from clinical sites and/or the program may cause a student to be ineligible to continue or reenroll in the program in the future.

Clinical Education Affiliates

Alaska Native Medical Center & Alaska Native Primary Care Center 4315 Diplomacy Dr. Anchorage, AK 99508 907 563-2662	Alaska Regional 2801 DeBarr Road Anchorage, AK 99508 907 276-1131
Alyeska Vascular Surgery 4001 Laurel Street, Suite 204 Anchorage, AK 99508 907-562-8346	Advanced Sonograms 4200 Lake Otis Pkwy, Anchorage, AK 99508 (907) 562-3111
Aurora Maternal Fetal Medicine 4120 Laurel St STE 203, Anchorage, AK 99508 (907) 677-2636	
Bartlett Regional Hospital 3260 Hospital Dr Juneau, AK 99801 907-796-8800	Central Peninsula Hospital 250 Hospital Place Seward, Ak 99669 907-714-4404
Center for Vein Restoration 2550 Denali St. #1307 Anchorage, Ak 99503 907-375-8787	Capstone 3122 E Meridian Park Loop, Wasilla, AK 99654 (907) 357-9590

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<p>Chief Andrew Isaac 1717 Cowles St Fairbanks, AK 99701 907-451-6682</p>	<p>Diagnostic Health Alaska – Anchorage 4100 Lake Otis Pkwy #102 Anchorage, AK 99508 907-729-5800</p>
<p>Fairbanks Memorial Hospital 1650 Cowles St Fairbanks, AK 99701 907-458-5447</p>	<p>Hawaii Radiologic Associates 75-5653 Kuakini Hwy #110 Kailua-Kona, HI 96740 808-329-7314 670 Ponahawai St, Hilo, HI 96720 (808) 933-2540</p>
<p>JBER 673rd Joint Base Elemendorf Richardson</p>	<p>Kona Community Hospital 79-1019 Haukapila St, Kealahou, HI 96750 (808) 322-9311</p>
<p>Mat Su Regional Medical Center 2500 S. Woodworth Loop Palmer, AK 99645 907-861-6000</p>	<p>Norton Sound Health Corporation PO Box 966 Nome, AK 99762 907-443-3311</p>
<p>Real Time II 1700 Bogard Rd., Suite A200 Wasilla, AK 99654 907-357-2158</p>	
<p>Providence Alaska Medical Center 3200 Providence Dr. Anchorage, AK 99508 907-562-2211</p>	<p>Providence Imaging Center 3340 Providence Dr. Anchorage, AK 99508 907-212-5866</p>
<p>Providence Maternal Fetal Medicine 3200 Providence Dr. Anchorage, AK 99508 (907) 212-3470</p>	
<p>South Peninsula Hospital 4300 Bartlett St. Homer, AK 99603 907-235-0362</p>	<p>Yukon-Kuskokwim Health Corporation PO Box 287 Bethel, AK 99559 907-543-6000 x6373</p>

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Clinical Forms Checklist

Forms to be completed by the Student

- Student Clinical Handbook Acceptance Form Via Blackboard
- Daily Time Log via Trajecsys Reporting System
- Daily Log Sheet via Trajecsys Reporting System
- Monthly Student Self Evaluation Form via Blackboard
- Monthly Student Goal Sheet via Blackboard
- Mandatory Competencies via Trajecsys Reporting System signed by Student
- Monthly Performance Evaluations via Trajecsys Reporting System signed by Student
- Progress Evaluations conducted by Clinical Coordinator signed by Student
- Student Evaluation of Clinical Instructors via Trajecsys Reporting System
- Student Evaluation of Clinical Site via Trajecsys Reporting System
- Request for Leave Time/Absence Form via Blackboard

Forms to be completed and/or signed by the Clinical Instructor

- Daily Time Log via Trajecsys Reporting System
- Daily Exam Log Sheet via Trajecsys Reporting System
- Clinical Performance Evaluations Monthly via Trajecsys Reporting System
- Exam Competencies as designated via Trajecsys Reporting System

Forms to be completed by Clinical Coordinator

- Clinical student progress evaluation
- Clinical Competency Weekly Plan
- Clinical Visit Summary Report
- Capstone Evaluation

Acknowledgments/References

Infraction Notice and Procedure Policies were abstracted from Laramie County Community College DMS Sonographer Student Clinical Handbook, pp 25 – 27, 2015-2016

Baker College

Bellevue College

University of Arkansas

San Jacinto College

Code of Ethics and Scope of Practice were taken directly from the Society of Diagnostic Medical Sonography

Appendix I

Society of Diagnostic Medical Sonography (SDMS) Code of Ethics

Students are required to adhere to the Code of Ethics for the Profession of Diagnostic Medical Sonography Approved by SDMS Board of Directors, December 6, 2006

<https://www.sdms.org/about/who-we-are/code-of-ethics>

PREAMBLE

The goal of this code of ethics is to promote excellence in patient care by fostering responsibility and accountability among diagnostic medical sonographers. In so doing, the integrity of the profession of diagnostic medical sonography will be maintained.

OBJECTIVES

To create and encourage an environment where professional and ethical issues are discussed and addressed.

1. To help the individual diagnostic medical sonographer identify ethical issues.
2. To provide guidelines for individual diagnostic medical sonographers regarding ethical behavior.

PRINCIPLES

Principle I: In order to promote patient well-being, the diagnostic medical sonographer shall:

1. Provide information to the patient about the purpose of the sonography procedure and respond to the patient's questions and concerns.
2. Respect the patient's autonomy and the right to refuse the procedure.
3. Recognize the patient's individuality and provide care in a non-judgmental and nondiscriminatory manner.
4. Promote the privacy, dignity and comfort of the patient by thoroughly explaining the examination, patient positioning and implementing proper draping techniques.

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5. Maintain confidentiality of acquired patient information and follow national patient privacy regulations as required by the "Health Insurance Portability and Accountability Act of 1996 (HIPAA)."
6. Promote patient safety during the provision of sonography procedures and while the patient is in the care of the diagnostic medical sonographer.

Principle II: To promote the highest level of competent practice, diagnostic medical sonographers shall:

1. Obtain appropriate diagnostic medical sonography education and clinical skills to ensure competence.
2. Achieve and maintain specialty specific sonography credentials. Sonography credentials must be awarded by a national sonography credentialing body that is accredited by a national organization which accredits credentialing bodies, i.e., the [National Commission for Certifying Agencies \(NCCA\)](#) or the [International Organization for Standardization \(ISO\)](#).
3. Uphold professional standards by adhering to defined technical protocols and diagnostic criteria established by peer review.
4. Acknowledge personal and legal limits, practice within the defined scope of practice, and assume responsibility for his/her actions.
5. Maintain continued competence through lifelong learning, which includes continuing education, acquisition of specialty specific credentials and re-credentialing.
6. Perform medically indicated ultrasound studies, ordered by a licensed physician or their designated health care provider.
7. Protect patients and/or study subjects by adhering to oversight and approval of investigational procedures, including documented informed consent.
8. Refrain from the use of any substances that may alter judgment or skill and thereby compromise patient care.
9. Be accountable and participate in regular assessment and review of equipment, procedures, protocols, and results. This can be accomplished through facility accreditation.

Principle III: To promote professional integrity and public trust, the diagnostic medical sonographer shall:

1. Be truthful and promote appropriate communications with patients and colleagues.
2. Respect the rights of patients, colleagues and yourself.
3. Avoid conflicts of interest and situations that exploit others or misrepresent information.
4. Accurately represent his/her experience, education and credentialing.
5. Promote equitable access to care.
6. Collaborate with professional colleagues to create an environment that promotes communication and respect.
7. Communicate and collaborate with others to promote ethical practice.
8. Engage in ethical billing practices.

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9. Engage only in legal arrangements in the medical industry.
10. Report deviations from the Code of Ethics to institutional leadership for internal sanctions, local intervention and/or criminal prosecution. The Code of Ethics can serve as a valuable tool to develop local policies and procedures.

*See more at: <https://www.sdms.org/about/who-we-are/code-ofethics#sthash.y8MKtfcN.dpuf>

Appendix II

Society of Diagnostic Medical Sonography (SDMS) Scope of Practice

Students are required to follow to the Scope of Practice for the Profession of Diagnostic Medical Sonography Approved by the SDMS, April 13, 2015

<https://www.sdms.org/pdf/2015SDMSScopeofPracticeandClinicalStandards.pdf>

Appendix III: Student Monthly Goal

Date:

Student Name:

Part 1: Goal Setting

Sonographers need to be able to recognize problems and challenges during their exams and be able to improve their imaging for proper diagnosis. For continued development and progress, it's important for you to define areas of focus that you need to improve on. It is also important for you to reassess your progress after a period of time to see if you met your goal.

Discuss with your clinical instructor an improvement goal to be met over the next month. Use the following guidelines to assist you in deciding upon a goal:

- The goal should be achievable within 1 month and appropriate for a student sonographer.
- Address areas in which you see you need improvement.
- Set a specific task which is measurable and be detailed. i.e., Instead of stating "will improve on scan time, state "will reduce thyroid exam time to 15 minutes".
- Write all answers in Blue please

Write your goal below:

Part 2 Follow up:

At the end of one month, discuss with your clinical instructor your improvement and success in meeting your goal.

Has your goal been met?

If no, write a short action plan to discuss why your goal was not met and what your action plan is to achieve this goal. If yes write a short summary of what you did to accomplish your goal.

Student Signature

Date

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Appendix IV: Student Self Evaluation Form

Student Name:

Clinical Site:

Exam Critiqued:

Date exam performed:

Date of critique:

Instructions:

Please select 3 exams that you have performed from the last 4 weeks and critique your images for each exam using the criteria set below. This is an excellent opportunity for evaluating yourself and your progress. Select exams that you struggled on or know that you could improve upon. Do not select exams that were your best work. You will need a **new form** for each evaluation. Enter the name of the sonographer that supervised you while you performed this exam. All questions must be answered in order to receive points. **Any missing items or vague answers will result in an automatic ZERO.**

Is the patient information entered correctly?		Did you obtain all pertinent information ie. labs, prior studies etc?	
Are all the images annotated correctly?		Are all the annotations visible?	
Is the area of interest centered in my image?		Is the anatomy adequately demonstrated?	
Is the anatomy in proper orientation for measurements?		Are the measurement calipers correctly placed?	
Is the anatomy demonstrated in both orientations?		Did you select the proper transducer for the exam?	
Are you at the most optimum frequency?		Is there adequate penetration?	
Is the focus in the correct position for optimal imaging?		Is the TCG and gain set correctly?	
Is the depth correct?		Is the Doppler gate set at the proper angle?	
Is the Doppler gate set in the correct location?		Is the color properly propagated?	
Is the color box the correct size and angle?		Did I use all my tools in my toolbox?	
Is the Worksheet filled out correctly and signed by my supervising sonographer?		Did I see and evaluate any pathology? If not, please address in your comments	

Summarize key areas that you can focus on to improve your skills for your next exam.

What did you learn from this critique? Be Specific.

Printed Name of Supervising Sonographer

Appendix V: Request for Leave Time/ Student Absence Form

Student Name:

Date:

Clinical Site:

Dates Absent:

Date of Return to Clinical:

Reason for Absence:

Student Signature/Date

Clinical Coordinator Signature/Date

Program Director Signature/Date

(Required for Extended Leave of Absences Only)

Notes:

Appendix VI: Missed Clinical Make Up Plan Form

Student Name: _____ Date: _____

Clinical Site: _____

Dates Absent: _____

Date of Return to Clinical: _____

Intended plan for clinical hour make up: _____

Student Signature _____ Date _____

Clinical Coordinator Signature _____ Date _____

Program Director Signature _____ Date _____

Notes: _____

Appendix VII: Remedial Counseling Plan

Student Name:

Date:

Clinical Coordinator:

Clinical Site:

This written statement is a(n):

Written warning

Academic Alert

Probationary Contract

A meeting between faculty and above-named student was conducted to inform the student of unacceptable performance or conduct.

Actions/Reasons student has been placed in remediation:

Guidelines for the student to correct performance or conduct:

Timeframe for student to correct performance or conduct:

Consequences of non-compliance to remediation plan and guidelines:

Student Comment:

On _____ I met with the faculty to evaluate my performance and/or conduct. The conditions of possible further disciplinary action or the conditions to remain in the program have been discussed with me. My signature below verifies I have been counseled but does not signify that I agree or disagree.

Student Signature

Date

Clinical Coordinator Signature

Date

Program Director Signature

Date

Comments:

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I have satisfactorily met the condition of this contract. I am aware that I remain in the program unless again my performance or conduct is unacceptable.

Student Signature

Date

Clinical Coordinator Signature

Date

Program Director Signature

Date

Comments:

I have not met the conditions of this contract. I am aware that this results in:

placement of probationary status or suspension from the program or I have chosen to withdraw from the program

Student Signature

Date

Clinical Coordinator Signature

Date

Program Director Signature

Date

Comments: