



Figure 1: Owens Logo.

**Course Syllabus
SEMESTER
School of Nursing and Health Professions
Department of Sonography**

<i>Course Name:</i>	Vascular Sonography II
<i>Course & Section Number:</i>	DMS 105-XXX, BXX
<i>Meeting Day(s) & Time(s):</i>	Lecture Lab
<i>Credits:</i>	3
<i>Contact Hours:</i>	5 (2 lecture, 3 lab)
<i>Lecture Instructor's Name:</i>	
<i>Office Hours & Location:</i>	
<i>OCC Phone:</i>	
<i>OCC Email:**</i>	
<i>Lab Instructor's Name:</i>	
<i>Office Hours & Location:</i>	
<i>OCC Phone:</i>	
<i>OCC Email:**</i>	

**Please use only Owens email for course communications.

Catalog description:

Emphasizes sonographic protocols, anatomy, and physiology of the venous system. This course introduces venous hemodynamics and physiological factors that govern blood flow essential to the assessment of the circulatory system. Also discusses correlation of pertinent patient history, signs, symptoms, and risk factors of venous disease. Specialized arterial and venous testing will also be discussed. Emphasizes real-time scanning techniques and imaging protocols through laboratory experiences while enhancing psychomotor skills.

Prerequisite/Corequisites:

Prerequisite – DMS 101, DMS 103

Corequisite – DMS 104, DMS 107

Course Materials:

Ridgway, D. Introduction to Vascular Scanning: A Guide for the Complete Beginner, 4th edition, Davies Publishing, 2014. ISBN: 9780941022835

Daigle R. Techniques in Noninvasive Vascular Diagnosis, An Encyclopedia of Vascular Testing, 5th edition, Summer Publishing, 2023. ISBN: 978-0989932967

*If a **print book, e-book, or access code** is required for class, you can access the Owens Community College e-Campus Bookstore by accessing the online link, called “Find Books” on the course schedule for each course section.*

What You Will Learn in the Course

Course Objectives:

This course will:

1. Introduce normal anatomy and scanning protocols of venous structures including, but not limited to, the abdomen, upper extremities, lower extremities, and cerebrovascular systems.
2. Continue to evaluate the application of scanning protocols presented in DMS 103.
3. Discuss applications of Doppler imaging along with hemodynamics as it pertains to normal blood flow characteristics and physiological factors that alter venous blood flow.
4. Correlate pertinent patient history/assessment, laboratory tests, and other imaging modalities.
5. Provide scanning experiences in the laboratory setting.
6. Discuss ethical and professional issues that confront medical imagers.

Student Learning Outcomes:

Students will:

Outcome	Where Assessed
1. Describe, identify and evaluate the anatomy and physiology of the venous system.	Lecture Tests/Quizzes, In-Class Activities, Group Presentation, Homework, Image IDs, Lab Exams, Peer Reviewed Project, Practicals, Lab Assignments, Lab Check-Offs
2. Correlate pertinent patient history/assessment, laboratory tests, including other imaging modalities to incorporate into the sonographic procedure.	Lecture Tests/Quizzes, In-Class Activities, Group Presentation, Homework, Image IDs, Lab Exams, Peer Reviewed Project, Practicals, Lab Assignments, Lab Check-Offs
3. Perform real-time scanning techniques and imaging protocols in laboratory sessions.	Peer Reviewed Project, Practicals, Lab Instructor Evaluation, Lab Assignments, Lab Check-Offs
4. Recognize methods for effective patient interactions.	Lecture Tests/Quizzes, In-Class Activities, Group Presentation, Homework, Peer Reviewed Project, Practicals, Lab Instructor Evaluation, Lab Assignments, Lab Check-Offs
5. Identify health care professional roles and responsibilities in health care organizations.	Lecture Tests/Quizzes, In-Class Activities, Group Presentation, Homework, Lab Exams, Peer Reviewed Project, Practicals, Lab Instructor Evaluation, Lab Assignments, Lab Check-Offs

Program Outcomes:

The following program outcomes are assessed in this course

Outcome	Where Assessed
1. Students will demonstrate critical thinking skills regarding sonographic procedures in order to provide optimal results.	Final Lab Exam
2. Students will perform and analyze sonographic procedures appropriately and accurately for interpretation.	Final Practical – Pass Rate
3. Students will utilize patient care and comfort skills to provide compassionate care.	Final Practical Rubric – Interaction with patient section.

Technology, Lab, and File Requirements:

Microsoft Office 365

<https://www.owens.edu/office365/>

Respondus

<https://download.respondus.com/lockdown/download.php?id=139313370>

Academic Support

Disability Services Resource Center: If you have a disability or acquire one, you may be entitled to receive reasonable accommodations intended to assure you an equal opportunity to participate in and benefit from the program. To receive more information or to register for accommodations, please contact the Disability Resource Center at 567-661-7007, email disability@owens.edu, visit <https://www.owens.edu/disability/>, or stop by College Hall 124.

Tutoring Services: Owens Community College offers academic tutoring and assistance in a variety of subjects including: accounting, computing, economics, mathematics, science, and writing. For more information go to: <https://www.owens.edu/successcenters/>.

Counseling Services: Counseling Services provides assistance to students experiencing personal, educational, interpersonal/relationship, family, social, or psychological difficulties. If you feel you may benefit from this service, please contact them at counselingservices@owens.edu. More information is at <https://www.owens.edu/counseling/>.

Campus and Community Connections: The Center for Campus and Community Connections (College Hall 123) is a walk-in office created to provide retention support through resource stability initiatives and community connections. Go here for more information: <https://www.owens.edu/connection/> or contact connections@owens.edu

Owens Library: The Owens Library offers two locations (Toledo and Findlay) as well as online resources. For more information visit <https://www.owens.edu/library/>.

Students can find more information on campus resources, student support, student life, and security at this [link](#).

General Information

Student Code of Conduct: All students are expected to follow Owens Community College's Student Code of Conduct, which includes academic honesty, encompassing plagiarism. See the Board Policy for more information.

Anti-Discrimination and Harassment & Title IX/Sexual Misconduct: All students, faculty, and staff are expected to follow Owens Community College's Anti-Discrimination and Harassment Policy and the College's Title IX Policy/Sexual Misconduct Procedures and Guidelines. The College strictly prohibits and will not tolerate harassment, discrimination, intimidation, or hostile/offensive working or learning environments.

Religious Accommodations: A student seeking an accommodation for an absence permitted under Ohio's Testing Your Faith Act must provide the instructor with a written email notice with the specific dates for an absence, and must do so not later than fourteen (14) days after the first day of instruction. Alternative accommodations are not retroactive, and no academic penalty will be imposed for an absence under the policy*. The request for an alternative accommodation will be kept confidential. Students with questions about a religious accommodation under Ohio's Testing your Faith Act may contact the College's Office of Academic Affairs: provost@owens.edu The policy may be found on the Owens website: [3358:11-2-63 Accommodation](#) for a Student

Absence for the Observance of Religious Beliefs and Practices Policy

Document Collection: Throughout the semester, your instructors may ask for a variety of assignments including tests and/or quizzes for student learning of institutional general education competencies or program assessment. Please save all your class materials until the end of the semester.

Classroom Admittance: OCC classes shall only be attended by the officially registered OCC students or perspective students, instructor of record, guest lecturer, or substitute. Visitors are not permitted to be in the classroom and should not be invited to attend or participate in the class. See [FERPA](#) regulations for more information.

Use of AI Tools: This course permits you to use artificial intelligence (AI) tools, such as chatbots, text generators, paraphrasers, summarizers, or solvers, to get guidance on assignments, as long as you do so in an ethical and responsible manner. Essentially, you can think of these tools as ways to help you learn but not to entirely create work for assignments like discussion board posts, essays, presentation slides, and so on. AI is more like your tutor or TA, not a replacement for your independent thinking.

This means that you must:

- Not use AI tools to replace your own thinking or analysis or to avoid engaging with the course content.
- Cite or explain any AI tools you use. Provide the name of the AI tool, the date of access, the URL of the interface, and the specific prompt or query you used to generate the output.
- Be transparent and honest about how you used the AI tool and how it contributed to your assignment. Explain what you learned from the AI tool, how you verified its accuracy and reliability, how you integrated its output with your own work, and how you acknowledged its limitations and biases.

You are accountable for any mistakes or errors made by the AI tool. Always check and edit the output before submitting your work. If you discover any inaccuracies or inconsistencies in the output after submission, notify the instructor immediately and correct them as soon as possible. Using AI tools in an unethical or irresponsible manner, such as copying or paraphrasing the output without citation or transparency, using the output as your own work without verification or integration, or using the output to misrepresent your knowledge or skills, is considered a form of academic dishonesty and will result in a zero grade for the assignment and possible disciplinary action. If you have any questions about what constitutes ethical and responsible use of AI tools, please consult with the instructor **before** submitting your work.

Student Responsibilities & Instructor Expectations

Student Responsibilities:

- You are expected to attend weekly classes and arrive on time. If you are going to be absent, please email your instructor before class begins. Afterward, review the assignment calendar to see what was missed and reach out if you have questions.
- You are expected to fully engage with the course material and consistently put forth your best effort in lecture and lab.

- If you are unable to complete an assignment on time, contact your instructor as soon as possible to discuss your options.
- Email is the preferred method of communication outside of office hours. Please include clear and specific details in your message so your instructors can respond efficiently.
- You are encouraged to ask questions or request clarification. Unless we hear otherwise, we will assume you understand the material. Each class builds on previous concepts, so staying current is important.
- Show respect for your instructors, classmates, and the learning environment.
- You are expected to follow all guidelines and procedures outlined in the Sonography Department Procedure Manual.
- For technical issues related to Blackboard, contact the Owens Help Desk.
- If you miss a class, need additional support, or want to prepare for an upcoming test, please feel welcome to make a 1:1 appointment with your instructor here. [1:1 Appt Bookings](#)

Instructor Expectations:

- The instructor will be respectful of your time and begin and end class on time. If any changes to class times occur, you will be notified by email.
- Your instructor's goal is to review and return assignments that require student corrections within three days of submission. Assignments that do not require corrections or resubmission may take longer to be fully graded. If it has been more than three days and you are waiting on feedback for an assignment you believe may need revision, please email your instructor.
- Your instructor checks their email several times a day, but also has responsibilities outside of teaching this course. They will do their best to respond to your email with 24 hours on weekdays and within 72 hours on the weekends.
- Office hours are available outside of class time to support you with any questions or concerns related to the course. Please don't hesitate to make use of this time.
- Your instructor welcomes and encourages questions.
- Teaching is a two-way process, and your instructor hopes to learn from your insights, questions, and feedback throughout the course.

How Grades are Determined and Major Assignments

Grading Procedure:

Grades will be calculated on the following scale.

93% and Above	A
85% to 92%	B
76% to 84%	C
60% to 75%	D
59% or Below	F

Students must earn a passing grade of 76% in both the lab and lecture portions the course. If the percentage earned is less than 76% for lecture or lab, the student will earn a grade of “**D or F**” for the course and will not be able to continue in the program.

Breakdown of combined Course Grade:

Lecture Portion	50%
Lab Portion	<u>50%</u>
Total:	100%

LECTURE PORTION

The final grade for the lecture portion of the course will be computed using the following weights.

Comprehensive Final	20%
Lecture Tests	10%
In-Class Activities	5%
Quizzes	5%
Homework	5%
<u>Group Presentation</u>	<u>5%</u>
Total:	50%

****Please note that ½ point will be deducted from all homework, tests, and assignments for each spelling error. Using abbreviations will also result in a ½ point deduction. ****

Comprehensive Final

One comprehensive final exam will be given and will include all lecture content covered in DMS 103. It will be worth 20% of the total course grade. Any student who is tardy to the exam will receive a five (5) point deduction on the exam. The exam will still end at the scheduled time. Any student who is unable to take the exam as scheduled must notify the course instructor at least 30 minutes prior to the start of the test in order to receive full credit. If no notification is received prior to missing the test, a ten (10) point deduction will be taken from the score of the make-up test. The makeup test will be taken within three (3) days of the original test date and must be taken in the testing center.

Lecture Tests

Two written tests will be given and averaged for 10% of the total course grade. Any student who is tardy to the exam will receive a five (5) point deduction on the exam. The exam will still end at the scheduled time. Any student who is unable to take the exam as scheduled must notify the course instructor at least 30 minutes prior to the start of the test in order to receive full credit. If no notification is received prior to missing the test a five (5) point deduction will be taken from the score of the make-up test. The makeup test will be taken within three (3) days of the original test date and must be taken in the testing center.

In-Class Activities

In-class activities are worth 5% of the total course grade. Attending class and being an active learner will elevate student success in the course. Most weeks there will be an in-class activity to be completed and reviewed as a class. Students must submit the assignment on Blackboard by midnight on the due date in order to receive points for in-class activities. Students who are absent due to a legitimate, documented circumstance, as defined by [Owens Community College Board](#)

[Policy No. 3358:11-2-64](#), may be eligible for a makeup assignment. To be eligible for a make-up assignment, the student must notify the course instructor at least 30 minutes prior to the start of class. Absences without appropriate documentation or without timely notification will not be eligible for a make-up assignment, and the student will forfeit the in-class participation points for that activity.

Quizzes

Quizzes will be given online through Blackboard. Students must complete these prior to the due date. ***No late quizzes will be accepted*** without prior approval from the instructor. These will cover designated terminology words and previously covered material. A study list of all the words can be found on Blackboard. Make-up quizzes will not be given. Quizzes are worth 5% of the course grade.

Homework

Homework will consist of assignments, webinars and discussion posts on Blackboard. All homework must be submitted through Blackboard by the due date to receive full credit. Late assignments will be accepted at half credit up to 24 hours past the due date. Beyond 24 hours after the due date, late assignments will not be accepted without prior approval from the instructor. Homework will be worth 5% of the total course grade.

Group Presentation

Students will be divided into groups to give a lecture over an assigned topic. Each group will work together to create a 20-30 minute presentation and in-class activity (Kahoot, worksheet, game, etc.) on these subjects. Each student in the group **MUST** present some of the information. See Blackboard for grading rubric and project details. Groups will be determined first day of lecture. All students in a group will receive the same grade for the Content, Organization, Visual Aid, Engagement & Creativity, and Time Management categories from the rubric. Students will be graded individually on the Delivery, Teamwork, and Professionalism categories. Any student who misses presentation day and has **NOT** notified the instructor at least 30 minutes prior to the start of class, will receive an automatic five-point deduction on the presentation. The student will be required to present their portion on the next class day. The group presentation is worth 7.5% of the course grade.

LABORATORY PORTION

The final grade for the lab portion of the course will be computed using the following weights.

Lab Exams	15%
Comprehensive Final Lab Exam	20%
Peer Reviewed Project	4%
Practicals	0%
Lab Instructor Evaluation	3%
Lab Assignments	4%
Lab Check-Offs	4%
Total:	50%

****Please note that ½ point will be deducted from all homework, tests, and assignments for each spelling error. Using abbreviations will also result in a ½ point deduction. ****

Lab Exams

Two lab exams will be given covering topics and images. These will be combined to be worth 15% of the total course grade. Lab exams must be passed with a 76% or higher or the student will be given a repeat lab exam with reduced total points possible. Please refer to Procedure 4.002 in the Department of Sonography Procedure Manual regarding the lab testing sequence. Any student who is unable to attend to take the exam must notify the course instructor at least 30 minutes prior to the due date in order to receive full credit. If no notification is received prior to missing the exam a five (5) point deduction will be taken from the score of the make-up test. The makeup test will be taken within five (5) days of the original test date.

Comprehensive Final Lab Exam

A comprehensive final lab exam will be given covering all topics and images presented in DMS 103 and DMS 105. Any student who is tardy to the exam will receive a five (5) point deduction on the exam. The exam will still end at the scheduled time. Any student who is unable to attend to take the exam must notify the course instructor at least 30 minutes prior to the class period in order to receive full credit. If no notification is received prior to missing the exam, a ten (10) point deduction will be taken from the score of the make-up test. The makeup test will be taken in the testing center within three (3) days of the original test date. The comprehensive final lab exam is worth 20% of the total course grade.

Peer Reviewed Project

Students will complete a scanning project that consists of various protocols. Students will then do a peer review of another student's submission. Please see Blackboard for project guidelines, requirements, and grading. This project will be worth 4% of the total course grade. Late project submission and peer reviews will not be accepted without prior approval from the instructor.

Practicals

1st attempt practicals will be given during the student's regularly scheduled instructional lab. **The student will need to arrive 15 minutes prior to your scheduled time ready to take the practical.** A patient will be provided.

All practicals are comprehensive and may include information from previous protocols. The student will be given five minutes to set up the room and prepare for the practical. The scan time will begin when the transducer is placed on the patient. If the student would like a five-minute warning, please make the evaluator aware. If the student has finished before time has expired, please consider repeating and improving on images to receive a higher grade.

The first attempt at a scanning practical must be passed with an 85%. A total of two (2) repeat practicals will be given and must be passed with a 90%. An unsuccessful 3rd practical attempt will result in the student not being allowed to proceed in the program. The student must pass all

practicals by the deadline of **DATE at TIME**. If the deadline is not met, the student will not pass the course.

Refer to Procedure 4.003 of the Sonography Procedure Manual for more information regarding practicals.

Lab Instructor Evaluation

The lab instructor will complete a final evaluation on Trajecsyst assessing the student's knowledge-based skills (20%), scanning proficiency (50%), and professional conduct (30%) demonstrated throughout the course. The score on the evaluation will be worth a maximum of 100 points. This evaluation will be worth 3% of the grade.

Lab Assignments

Lab assignments will be worth 4% of the total course grade and can be found in the lab assignment folder on Blackboard. Images must be submitted through StudyCast by assigning the reading group to the instructor and updating the status to "Preliminary" for grading. In addition, students must mark the assignment as "Ready to Grade" in Blackboard. Both steps are required for the assignment to be graded. If either step is completed after the deadline, the assignment will be considered late.

Students must spend at least one week on an assignment prior to submission to the lab instructor. Therefore, one week must lapse from the introduction of a protocol in laboratory class until the assignment submission can occur. Students should use the Self-Review Sheet found on Blackboard for guidance on choosing their best images prior to submission.

A submission without the following items counts as a first submission and will be returned to the student without grading:

- All required images
- Images in protocol sequence
- Correct and complete labeling
- Completed worksheet
 - Indications
 - Risk Factors
 - Chart with measurements/velocities
 - Findings
 - Conclusion

Once lab assignment corrections are given to a student, they will need to return to the lab to practice the skill or technique. Images that are dated prior to the instructor corrections will not be accepted for the assignment.

Lab assignments should be submitted prior to the due date, giving the instructor ample time to grade and possibly return for corrections. It should be expected that a student may need to complete corrections, therefore, it is highly recommended that you do not wait until the last minute to submit these assignments.

Students will not be permitted to take their practical until the assignment is complete and of practical image quality.

Each lab assignment will be worth 5 points (see break down below).

Completion of Assignment	3 points
Completion of Assignment by the Due Date	1 point
Completion of Assignment by 2 nd submission	1 point
Total Points Possible	5 points

Lab Check-Offs

Lab check-offs can be completed with any credentialed supervising sonographer during supervised lab, open lab (ensure instructor availability to review), or instructional lab review weeks. These are not required to be completed in order to sit for practicals or to pass the course, however any check-off that is not completed by the due date will earn a 0 in the gradebook. Please refer to the “Lab Check-off Guidelines” on Blackboard.

The following check-offs can be earned in this course:

Aortoiliac Duplex

Lower Extremity Venous (one side)

Upper Extremity Venous (one side)

Carotid Doppler (one side)

Lower Arterial Segmental w/PVRs

Lab check-offs are worth 4% of the overall course grade. **Deadline for completion is DATE.**

Lecture Assignment Calendar

Week	Topic	Reading Assignment	Assignment Due Date	SLO
One	Syllabus Renal Artery	Chapter 17	Renal Artery Assignment (DATE) In-Class Activity 1 (DATE) Quiz 1 (DATE)	1, 2, 4, 5
Two	TBD			
Three	Lower Extremity Venous Anatomy & Imaging Venous Hemodynamics	Chapter 12 Chapter 13 pages 307-328	Lower Venous Assignment (DATE) In-Class Activity 2 (DATE) Quiz 2 (DATE)	1, 2, 4, 5

Week	Topic	Reading Assignment	Assignment Due Date	SLO
Four	Review		Discussion Post (DATE) In-Class Activity 3 (DATE)	1, 2, 4, 5
Five	Test 1			1, 2, 4, 5
Six	Upper Extremity Venous Venous Mapping Upper and Lower	Chapter 15 Chapter 11	Upper Venous & Mapping Assignment (DATE) In-Class Activity 4 (DATE) Quiz 3 (DATE)	1, 2, 4, 5
Seven	Venous Reflux Ultrasounds (CEAP) Venous Ablation	Chapter 12 pages 300-303 Chapter 13 page 329-331	Venous Reflux Assignment (DATE) In-Class Activity 5 (DATE) Quiz 4 (DATE)	1, 2, 4, 5
Eight	Liver/Portal System IVC	Chapter 19	Liver Assignment (DATE) In-Class Activity 6 (DATE) Quiz 5 (DATE)	1, 2, 4, 5
SPRING BREAK				
Nine	Hemodialysis Access & Bypass Grafts Correlative Imaging	Chapter 10 Chapter 11	Grafts Assignment (DATE) In-Class Activity 7 (DATE) Quiz 6 (DATE)	1, 2, 4, 5
Ten	Review		In-Class Activity 8 (DATE) Discussion Post (DATE)	1, 2, 4, 5
Eleven	Test 2			1, 2, 4, 5
Twelve	Report Writing Thyroid Imaging Non-Vascular Pathology Lab Accreditation		Thyroid & Non-Vascular Pathology Assignment (DATE) In-Class Activity 9 (DATE) Quiz 7 (DATE)	1, 2, 4, 5

Week	Topic	Reading Assignment	Assignment Due Date	SLO
Thirteen	Presentations: Group 1: Thoracic Outlet Syndrome Group 2: Pelvic Congestion Syndrome Group 3: Arterial with Exercise Group 4: Organ Transplants	Chapter 9 pages 227-231 Chapter 7 pages 182-184 Chapter 17 pages 410-411	Presentations Submitted Peer Review Assignment (DATE) In-Class Activity 10 (DATE) Specialized Testing Assignment (DATE)	1, 2, 4, 5
Fourteen	Review		Case Study Assignment (DATE) In-Class Activity 11 (DATE)	1, 2, 4, 5
Fifteen	Final Exam			1, 2, 4, 5

Lab Assignment Calendar

Week	Topic	Pre-Class Assignments	Due Date	SLO
One	Syllabus Renal/Renal Artery	Read Chapter 11 Pages 325-339 Renal Artery Lab Lecture PowerPoint Renal Artery Practice Image ID		
Two	Lower Extremity Venous	Read Chapter 8 Pages 195-239 Lower Extremity Venous Lab Lecture PowerPoint		
Three	Lower Extremity Venous	Lower Venous Practice Image ID	Renal/Renal Artery Lab Assignment – Due DATE	1-5
Four	Scanning Review		Lower Extremity Venous Lab Assignment – Due DATE Lab Exam 1 – Take DATE	1-5 1, 2, 5
Five	Practical #1			1-5

Week	Topic	Pre-Class Assignments	Due Date	SLO
Six	Upper Extremity Venous	Read Chapter 10 Pages 273-286 and 291-299 Upper Extremity Venous Lab Lecture PowerPoint Upper Venous Practice Image ID		
Seven	Venous Mapping Venous Insufficiency Testing	Read Chapter 8 Pages 230-233, 239-245 Read Chapter 10 Pages 286-289 Venous Mapping Lab Lecture PowerPoint Venous Insufficiency Lab Lecture PowerPoint Superficial Vessels & Reflux Testing Practice Image ID		
Eight	Liver Doppler	Read Chapter 11 Pages 341-346 Liver Doppler Lab Lecture PowerPoint Liver Doppler Practice Image ID	Upper Extremity Venous Lab Assignment – Due DATE Upper Venous Mapping Lab Assignment – Due DATE Lower Venous Mapping Lab Assignment – Due DATE	1-5 1-5 1-5
Nine	Scanning Review		Venous Insufficiency Lab Assignment – Due DATE Lab Exam 2 – Take DATE Liver Doppler Lab Assignment – Due DATE	1-5 1, 2, 5 1-5

Week	Topic	Pre-Class Assignments	Due Date	SLO
Ten	Practical #2			1-5
Eleven	Project Scans Thyroid Arterial with Exercise Thoracic Outlet Testing Allen's Test (Palmar Arch) Transcranial Doppler IVC & Pelvic Doppler	Review Lecture PPTs for each Project Scan Project Practice Image ID		
Twelve	Scanning Review			
Thirteen	Scanning Review Discuss Pocket Notebook Stretcher & Machine Transport		Part I of Project – Due DATE	1-5
Fourteen	FINAL COMPREHENSIVE PRACTICAL			1-5
Fifteen	*All students on campus for testing from TIME* Comprehensive Final Lab Exam		Part II of Project - Due DATE	1-5
Sixteen	No Class due to Clinical Orientation and Shadowing			

All students will be required to attend the following:

MANDATORY CLINICAL SHADOWING – DATE

MANDATORY CLINICAL ORIENTATION – DATE at TIME

Disclaimer: The instructor reserves the right to amend this syllabus as deemed necessary and will communicate such amendment to the students in the course. Please note that while unlikely, there is a possibility courses might need to change the delivery method due to external issues like public health concerns, weather issues, etc. If this happens, the college will communicate any changes via email and/or other communication methods.