

Springfield Technical Community College
Academic Affairs

Course Number: DMS-214 Class/Lect. Hours: _____ Lab Hours: 2 Credits: 1 Dept.: DMI

Course Number Title: DMS-214 Sonographic Procedure Lab1 Semester: 4 Year: 2

Course Description, Prerequisite, Corequisite: Continuation of DMS-202. Emphases will be placed on the development of scanning skills through lab. Application of classroom study to sonographic examinations in the specialties of Abdomen extended, OB/GYN, and some vascular. Prerequisite: DMS-202, Corequisites: DMS-211, DMS-212, DMS-213

OBJECTIVES/COMPETENCIES

Course Objectives	Competencies
<ol style="list-style-type: none"> 1. Identify the normal anatomy and sonographic appearance. 2. Identify the abnormal sonographic appearances if present. 3. Improve scanning techniques and knowledge on ultrasound machine operation. 4. Understand protocols of various sonography examinations. 5. Produce diagnostic sonography images and perform routine sonography examinations in a timely manner. 6. Demonstrate professionalism. 	<p>At the end of this course, the student should be able to do the following for abdominal, obstetric, gynecologic, and some vascular sonography:</p> <ol style="list-style-type: none"> 1. Perform routine abdominal sonography examinations. 2. Perform routine pelvic sonography examinations. 3. Perform routine obstetric sonography examinations. 4. Perform routine lower extremity DVT examinations. 5. Differentiate between normal and abnormal structures and demonstrate pathologies if present. 6. Write the sonographic findings on worksheets and present the case to the professor 7. Demonstrate professionalism before, during, and after each exam.