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| **Program/Discipline Learning Outcomes** | | | | |
| **Academic Year: 2018** | | | | |
| **Program/Discipline: Vascular Technology Certificate**  The Jackson College vascular ultrasound program goal is to prepare competent entry-level vascular sonographers in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains. | | | | |
| **PROGRAM/DISCIPLINE CONTACT** | | | | |
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| **Learning Outcome:**  **(Successful students will be able to)** | | **Course(s) in which the assessment will be performed** | **Semesters the outcome will be assessed** | **Assessment tools used for learning outcome** |
| 1 | Utilize effective oral and written communication: | DMS 107, DMS 161, DMS 265, DMS 198, DMS 266, DMS 151, DMS 152, DMS 251, DMS 254 | Fall, Winter, Spring | (Affective)  Mid-term and Final Clinical Evaluations; Performance Skill Assessments; Summative Assessments; Abstract Case Presentation; |
| 2 | Provide basic patient care and comfort | DMS 198, DMS 261, DMS 265, DMS 266 | Fall, Winter, Spring | (Affective)  Mid-Term and Final Clinical Assessment, Performance Skill Assessments |
| 3 | Demonstrate knowledge and understanding of human gross anatomy and sectional anatomy. | DMS 107, DMS 198, DMS 151, DMS 152, DMS 251, DMS 254, Clinical I, II, III | Fall, Winter, Spring | (Cognitive, Psychomotor) Mid-term and Final Clinical Evaluations; Performance Skill Assessments; Summative Assessments |
| 4 | Demonstrate knowledge and understanding of physiology, pathology, and pathophysiology. | DMS 151, 155, 152, 251,254, Clinical I, II, III | Fall, Winter, Spring | (Cognitive,)  Mid-term and Final Clinical Evaluations; Performance Skill Assessments; Summative Assessments; Clinical Case Study Presentations |
| 5 | Demonstrate knowledge and understanding of acoustic physics, Doppler ultrasound principles, and ultrasound instrumentation | DMS 151,251,206, Clinical II, III | Winter, Spring | (Cognitive,)  Mid-term and Final Clinical Evaluations; Performance Skill Assessments; Summative Assessments; Lab Practice Assessments; Clinical Case Study Presentations |
| 7 | Demonstrates a value system (code of ethics) and employs professional judgements in behaviors and diagnostic decisions. | DMS 198, Clinical I, II, III, DMS 155, 151, 152, 155, 107, 251, 254 | Fall, Winter, Spring | (Affective)  Mid-term and Final Clinical Evaluations; Performance Skill Assessments; Clinical Case Study Presentations |
| 8 | Demonstrate proficiency in the performance of physiologic testing and Duplex examination of Vascular Procedures | Clinical III | Spring | (Psychomotor, Cognitive)  Mid-term and Final Clinical Evaluations; Performance Skill Assessments; Clinical Case Study Presentations |