

DMS-2991: SONOGRAPHY CAPSTONE

Cuyahoga Community College

Viewing: DMS-2991 : Sonography Capstone

Board of Trustees:

January 2022

Academic Term:

Fall 2022

Subject Code

DMS - Diagnostic Medical Sonography

Course Number:

2991

Title:

Sonography Capstone

Catalog Description:

Capstone course in Diagnostic Medical Sonography. Assessment of one's integration of the coursework, knowledge, experience and skills as Diagnostic Medical Sonography student. Preparation for employment interview and presentation of qualifications through resume and cover letter writing. Understanding the departmental process of exam coding and departmental lab accreditation. Importance of credentialing, profession involvement and continuing education stressed.

Credit Hour(s):

1

Lecture Hour(s):

1

Requisites

Prerequisite and Corequisite

DMS-1950 Field Experience II.

Outcomes

Course Outcome(s):

Prepare for employment by reflecting on one's strengths, opportunities, career goals and work philosophy.

Objective(s):

1. Provide a written personal reflection of specific examples of how their acquired skills, knowledge, and experience integrate and impact their growth as a sonographer.
2. Prepare information needed for job applications.
3. Create a concise resume and cover letter.
4. Create requests for letters of recommendation.
5. Prepare for the employment interview process.
6. Define specific skills or competencies that have been developed as a student in Diagnostic Medical Sonography.

Course Outcome(s):

Be prepared for the demands of employment in the diverse health care community through the pursuit of lifelong learning.

Objective(s):

1. Understand and uphold the requirements for the national credentialing American Registry for Diagnostic Medical Sonography (ARDMS) exams.
2. Demonstrate compliance to the Scope of Practice for the Profession of Diagnostic Medical Sonography.
3. Research ultrasound professional organizations specific to each sonography specialty.
4. Understand the importance of proper exam coding and billing/reimbursement.

5. Recognize the differences between and importance of ultrasound lab accreditation agencies.
 6. Understand basic research statistic methods and design related to sonographic research studies.
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Methods of Evaluation:

1. Written assignments
2. Interviewing skills
3. Participation in classroom discussions and activities
4. Resume
5. Cover letter
6. Employment application
7. Personal reflection
8. Program evaluation survey

Course Content Outline:

Topical Outline

1. Self-evaluation to assume the sonographer's roles and skills
 - a. Self-inventory of strengths and opportunities
 - b. Reflection of educational journey
 - c. Career goals
 - d. Work philosophy
2. Employment preparations
 - a. Resume and cover letter
 - b. Job seeking strategies
 - c. Interviewing skills
 - i. Professional appearance and conduct
 - ii. Professional interpersonal skills
 - d. Letter of reference requests
 - e. Coding and reimbursement
 - f. Lab accreditation
3. Professional development
 - a. ARDMS registry requirements
 - b. Scope of Practice and Clinical Standards for the Diagnostic Medical Sonographer
 - c. Research data interpretation as it relates to the sonographic research
 - i. define commonly used statistical terminology
 - ii. describe methods of study design
 - d. Continuing education
 - i. Professional resources
 - ii. Professional conferences/seminars/lectures

Resources

Andre, Kate, Marie Heartfield and Lynette Cusack. *Portfolios for Health Professionals*. 3rd ed. Australia: Elsevier, 2016.

Buck, Carol. *Step-by-Step Medical Coding*. 2019 Edition. St. Louis: Elsevier, 2019.

Haroun, Lee. *Career Development for Health Professionals*. 4th ed. St. Louis: Elsevier, 2016.

Harwood, Lauri, Lisa Owens and Crystal Kadakia. *Your Career : How to Make it Happen*. 10th ed. Boston: Cengage Learning, 2021.

Williams, Anna Graf and Karen Hall . *Creating Your Career Portfolio for Students*. 4th ed. Fishers IN: Learnovation, LLC, 2017.
