



Department of Radiologic Sciences

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MSRS Evidence-Based Project

RADS 5233 Administrative Radiologic Evidence-Based Project (3 credits)

Prerequisites: RADS 5003, 5013, 5023, 5033, 5103, 5124

RADS 5243 Radiologic Education Evidence-Based Project (3 credits)

Prerequisites: RADS 5003, 5013, 5023, 5033, 5103, 5124

Project Course Overview:

In this course, students will identify and complete an evidence-based project (EBP) within the area of either administrative or educational radiology (***depending on their tracks***). The design of the course affords students the opportunity to apply knowledge and skills obtained throughout the program to the planning, administration, and evaluation of a faculty approved project.

This project will uniquely focus on the students' special interests and career goals, but must reflect a problem in the workplace. Projects can be completed in a variety of health care and educational settings.

Students are encouraged to work within their current institutions; however, if students wish to choose an external site, they must contact MSRS faculty for guidance.

Student responsibilities during the project course:

All students must:

- Generate and gain approval by the MSU faculty a list of behaviorally stated objectives for completion during the project;
- Fulfill all course responsibilities and objectives as outlined in the course syllabus;
- Provide support to the site preceptor during the actual visit;
- Provide evidence of successful completion of objectives in the form of a portfolio that provides evidence of objective achievement.

Portfolio Development Instructions:

The EBP experience is designed to allow students to successfully complete pre-established objectives. Following completion of the project, each student is expected to submit a "portfolio" that reflects the outcomes of the experience. The portfolio should demonstrate completion of established objectives along with evidence of other activities in which the students were involved. The final portfolio should be submitted online via

the D2L dropbox or other electronic means worked out with the instructor. The portfolio due date is located in the course syllabus. The portfolio should include:

- Title Page**
 - Students' name, Project name and type (administration or education), Instructor's name, and Date of submission
- Table of Contents**
- Introduction Statement**
 - Purpose of the project or what is significant about the problem.
- Project Objectives**
 - List objectives.
 - Why is it important to establish objectives before beginning work on an issue?
- Discussion about the Value of the Project Objectives**
 - How does each objective address the problem?
- Changes in Objectives**
 - Explanation of any changes in the established objectives with documentation of approval of the changes.
 - What were the conditions that caused a change in the established objectives?
 - If there were no changes to objectives, please state "There were no changes."
- Evidence of Achievement/Deliverables**
 - Provide the deliverables.
 - Explain how each deliverable demonstrates resolution or mitigation of the problem.
 - Students must specifically discuss how their deliverables tie into the objectives.
 - Students must discuss in detail their role in the development or creation of the deliverables.
 - For example: if you revised a policy or procedure, you must include the original and the new one in addition to discussing what you did to change the policy or procedure.
 - Discuss and document the achievement or failure to achieve the established objectives.
- Reflection on the Learning Experience**
 - How has this project influenced your understanding of evidence-based practices?
 - What challenges did you experience in completing this project?
- Journal**
 - Detailed documentation of daily log or journal notes.
 - Dates and times
 - Specific activities
 - Any person you worked with (email or verbal conversations)
- Conclusions**
 - Summary of the project

NOTE: Provide APA citations and a reference list where appropriate. Additionally, please use proper English writing style, as this will be part of the grading process.