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| **Course Credit:** | 2 Credits |
| **Time and Location:** | Thursday, 5:00-6:30p.m.NURS Rm 120 |
| **Instructor:** | Chelsie Wheatley, BSRS, BSDMS, RT(R), RDMS, RVT |
| **Phone:** | 208-282-3311 or 208-282-4042 (Alyssa) |
| **Email:** | ayrechel@isu.edu |

**Course Learning Objectives/Goals: This course provides a foundation for critical analysis of research and medical literature while developing advanced writing and critical thinking skills. Statistical research concepts and procedures are combined with an emphasis on practical health care applications and dissemination of knowledge. Papers generated in this course will be submitted for professional peer review/evaluation at national and state level conference essay competitions.** In this course, the student will perform qualitative research by writing several papers using “peer reviewed” journals for analysis. The papers will be written in the American Medical Association format (AMA). The course will conclude with a case review and oral presentation of a topic that has been approved by the course instructor.

**Main References:**

AMA (American Medical Association) Reference Citation Format. This tip sheet contains most frequently requested information. For complete style manual online see: [AMA Manual of Style Online](http://www.amamanualofstyle.com/oso/public/index.html) or the print American Medical Association Manual of Style 10th Edition on Reserve in the Health Sciences Library, Call # **WZ 345 A511 2007.**

 AMERICAN MEDICAL ASSOCIATION (AMA) CITATION STYLE, PDF file referenced in the Moodle Supplementary Course.

 AMA Manual of Style, 10th ed., which is located in the Reference Section of the West Library and online through the Library’s E-resources (http://westlibrary.txwes.edu/sfind/eresources/3903). You can also ask one of the librarians (reference@txwes.edu)if you have any specific questions.

**Other References that will be helpful:**

Hagen-Ansert, Sandra. Textbook of Diagnostic Sonography, Volume 1 and 2. 8th Edition, St. Louis: Elsevier

Pellerito, J., Polak, J. Introduction to Vascular Ultrasonography. 6th Edition. St. Louis: Elsevier

**Method of Presentation:**  Lecture, Handouts, Computer Presentations

**Code of Ethics:** DMS 4451 adheres to the ISU Code of Conduct.  In particular, academic dishonesty, however small, creates a breach in academic integrity.  A student's participation in this course comes with the expectation that his or her work will be completed in full observance of the ISU Code of Student Conduct.

**Course Learning Outcomes:**

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| **Upon completion of this chapter the student will be able to:** |
| Become acquainted with the research resources available to ISU students in the Eli M. Oboler Library and online. |
| Develop expertise in AMA style of writing. |
| Write several annotated bibliographies from peer reviewed journals on a topic of research that involves the imaging modalities presented by guest lecturers. |
| Write a 10-15 page literature review on a topic relating to Sonography that has been approved by the instructor. |

**Academic Dishonesty Policy:**

Academic dishonesty (cheating, plagiarism, etc.) will not be tolerated in this class and may result in suspension or dismissal from this course and from the program. Cases will also be referred to the Dean of Students for possible dismissal from the university.

Cheating includes, but is not limited to, (1) use of any unauthorized assistance in taking quizzes, tests, or examinations; (2) dependence upon the aid of sources beyond those authorized by the instructor in writing papers, preparing reports, solving problems, or completing other assignments; or (3) the acquisition of tests or other academic materials belonging to the university faculty or staff without permission.

Plagiarism includes, but is not limited to, the use of, by paraphrase or direct quotation without correct recognition, the published or unpublished works of another person. The use of materials generated by agencies engaged in "selling" term papers is also plagiarism.

Many components DMS 4451 are designed to be highly interactive.  Students are encouraged to take full advantage of the many resources available including Internet sites, handouts and workbooks, other textbooks and journals, faculty, and peers. This interactive collegial learning environment is conducive for life-long learning.

***When students submit their efforts for grading, they are attesting that they have abided by these rules.***

**Classroom Procedure**

**Attendance:**  Regular attendance is necessary and only extreme cases (i.e. sickness with proof of a doctor’s note, loss of an immediate family member, etc.) will be excused.

**Assignments:**  Several Annotated Bibliographies will be required for this class.  The 2nd class period will be spent at the Eli M. Oboler library learning how to find articles from “peer reviewed” journals from the last 5 years. The Annotated Bibliographies will be uploaded into the Moodle site and graded by the instructor and reposted to the site. **No late work will be accepted**, except in cases of emergency with prior arrangement with the instructor. Visit the Web Course for specific information and to see past examples of student work.

**Case Study (Literature Review):** A literature review will compose 40% of the grade for this class. This paper will be written in AMA format. Specific guidelines and instructions will be presented in class and are available for student retrieval and review in the supplementary Moodle site for this course.

**Grading Procedure:**

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| **Assessment Method** | **Percentage Value** |
| Annotated Bibliographies | 30% (10, 20) |
| Quizzes | 10% |
| Case Study Research Paper | 40% |
| PowerPoint Presentation of Case Study  | 20% |

**This grading Scale will be used:**

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| +/- System |  |
| 93-100% A | 73-76% C |
| 90-92% A- | 70-72% C- |
| 87-89% B+ | 67-69% D+ |
| 83-86% B | 63-66% D |
| 80-82% B- | 60-62% D- |
| 77-79% C+ | 59% Below F |

*Note: A grade of C or better is required in this course.*

The minimum requirements to earn a passing grade are successful completion of all assignments (70% minimum). Due dates are posted in the Web Course Calendar and reminders will be given in class.

**Cell phone policy:** Cell phones should not be used in class. They should be place in silent or vibrating mode or turned off. Additionally receiving and retrieving text messages should not occur during class or in labs. Failure to follow this policy will result in a deduction of grade up to 10% at the discretion of the instructor. If you need to communicate to someone outside of the class in an emergency situation please inform the instructor so accommodations to this policy may be made.

**Electronic Devices:** Electronic devices such as laptops and tablets may be used in class for note-taking and academic purposes. If a student is caught using such devices for any other purpose (i.e. social networking, gaming, etc.) the student will be dismissed from the class for that week.

**Disability Services:** Students with disabilities who wish to have accommodations provided by the University must self-identify with Disability Services (236-3599) in order to have accommodations provided. Information and applications are available in the Center and may be picked up in person or requested by telephone. The URL is <http://www.isu.edu/ada4isu/>

**Academic Freedom and Responsibility Syllabus Statement:** In carrying out its educational mission, Idaho State University is committed to adhering to the values articulated in Idaho State Board of Education Policy III.B. Membership in the academic community imposes on administrators, faculty members, other institutional employees, and students an obligation to respect the dignity of others, to acknowledge the right of others to express differing opinions, and to foster and defend intellectual honesty, freedom of inquiry and instruction, and free expression on and off the campus of an institution.