

FCS 5152- Readings in Nutrition Research Spring 2013

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Course Description

In-depth study and application of nutrition knowledge and research.

Course Expectations

Attendance is expected at all class sessions as well as the timely completion of class assignments described in your syllabi. Late assignments will not be accepted.

Course Objectives

Upon completion of this course, students will be able to

1. Conduct a review of literature on a specific topic related to dietetics.
2. Critically evaluate and synthesize the literature, formulating appropriate conclusions and recommendations.
3. Orally present a technical presentation appropriate for a professional audience.
4. Write a review article suitable for publication.
5. Discuss the topics presented by his/her classmates.

Course Procedures

1. Select and refine a topic of your choice. Select nutrition, dietetics, or foods topic that is a) of interest to you, b) current (information can be found in referred journals within the last 5 years), and c) able to stimulate discussion by your classmates. Your topic must be approved by the instructor by the **second week of class**.
2. Identify, evaluate, and synthesize relevant literature. As you read the literature, the emphasis should be on critical reading. Identify methodology strengths and weaknesses and evaluate the adequacy with which the conclusions are supported by the data. Keep a careful record of all pertinent references. You may wish to include a few historical or classic references. As you read and evaluate the literature, formulate a clear specific purpose statement. Your presentation should be designed to educate your classmates using a formal professional research-driven presentation.

3. Develop an outline for your oral presentation. Integrate all the relevant information into a logical pattern and formulate overall conclusions, recommendations, and implications for the dietetics professional. Typed outlines, which must include the purpose statement of your presentation, are due to the instructor at least **two weeks prior** to the scheduled oral presentation and revised as suggested (5% of final grade). When developing your presentation outline, plan about 5 minutes to introduce your topic, then, about 35 minutes to adequately define your literature review, and then about 5 minutes on the implications and conclusions of the literature review.
4. Articles of classmates. Select one representative article for the entire class to read before your oral presentation. These articles should be emailed to the instructor and class **one week before** your presentation.
5. Develop your oral presentation. Using Power Point, design your visuals. In order to discourage reading your presentation, do not write out the presentation as you would a paper, but use the Notes Page option to type in phrases that will “jog your memory.” It is crucial for you to cite specific research, giving credit to the investigators.
6. Prepare for the presentation. Practice your presentation at least once before your “presentation night.” You must have your disk checked the in the classroom on Monday of the **presentation week**. I highly recommend that you practice using Power Point before your presentation. Email your classmates with a copy of your slides (3 or 6 slides per page) on the **night of** your presentation. Email the instructor a copy of your Power Point and “Notes Page” on the **night of** your presentation.
7. Orally present your work. Your presentation will be 45 minutes. You will be timed. Please allow an additional 3-5 minutes for questions. For every minute over 45 will result in a subtraction of one (1) point. (30% of final grade)
8. Conduct self-evaluation. The presentation will be videotaped, and you will evaluate your performance using the **Presenter’s Evaluation Form**. You will need to make an appointment the night of your presentation for a **fifteen-minute consultation** with the instructor to be scheduled before the next class period to discuss your performance.
9. Write a review paper appropriate for publication in JADA. Papers are due **two weeks after** your presentation, or by the Wednesday of finals week, whichever comes first. Your paper must reflect adequate synthesis of all of the literature you reviewed (minimum of 75 sources). The paper should be a minimum of 12 pages - maximum of 15, charts, graphs and tables are included in the page count and may be presented in the flow of the text, reference pages are in addition. The purpose of your paper should match the purpose of your presentation. (30% of final grade)

10. Participate in class activities. You will be assigned to evaluate three oral presentations (10% of final grade). For all presentations you will be responsible for asking the presenter questions (10% of final grade). Quizzes will be given weekly that cover the previous week's lectures and articles (15% of final grade). Quizzes are not cumulative and will be developed by the presenter from the previous week. Quiz questions are due to instructor two days after the presentation.

Documented Disability:

If you have a documented disability and wish to receive academic accommodations, please contact the coordinator of the Office of Disability Services at 581-6583.

Emergency Preparedness:

Please take the opportunity to read the emergency instructions posted in the classroom regarding what to do in case of weather-related or other emergencies and familiarize yourself with those procedures in order to minimize injuries in the event of an actual emergency.

Class Timeline

When	Your Date	Activity
First 2 week of class		Topic discussed and approved by instructor
2 week before		Outline approved by instructor
1 week before		Email assigned reading(s) to class and abstract and copy of reading(s) to instructor.
Day before your presentation		Check the disk on hard drive in classroom
Presentation Night		Email slide handout to instructor and classmates. Include the "Notes Pages," for the instructor.
Within 1 week after		View tape and evaluate your performance Discuss with instructor at scheduled time
Next class period		Give your videotape back to instructor.
2 weeks after		Review paper due following JADA publication guidelines