Fall 2017
Weber State University
Department of Athletic Training and Nutrition

COURSE: Nutr 4320/6320
Current Issues in Nutrition

CREDIT: 2 (two contact hours per week)

PREREQUISITES: Nutr LS 1020 and Nutr 2320
or consent of instructor.

CLASS SCHEDULE: Tuesday and Thursday 1:00pm to 2:30pm
Swenson Building room 238

PROFESSOR: Rod Hansen, Ph.D.
Professor of Nutrition
Office: 408 Swenson Building
Phone: 626-7748
Email: rhansen@weber.edu
Office Hours: 11:30 -12pm M-F, door is open, or appointment

PRIMARY REFERENCE:
Refereed or peer-reviewed journals, on-line data bases, and the Internet, will be the
primary references for the course. Additional materials will be distributed in class or
available on Canvas.

OVERALL COURSE DIRECTION: This course serves as the capstone experience for
the nutrition program. The capstone experience serves to transition undergraduate
students to professionals. Students will develop and sharpen research skills, assimilate
information and present their research using a software presentation package. Students
will produce a list of references in APA style format. Also peer review skills will be
developed by evaluating each of the presentations and each of the one-page summaries or
outlines.

This course is an interactive course designed to enhance research, writing and
presentation skills, as well as stimulate discussions regarding issues in nutrition. During
the semester, students will be researching, presenting, and referencing two nutritional
topics of their choice.
LEARNING OUTCOMES:

*Upon completion of NUTR 4320 students will have demonstrated their:*

1. Ability to research the scientific literature.
2. Ability to assimilate research information, professionally present scientific information using modern technology.
3. Ability to summarize scientific literature succinctly in visual, written and oral forms.
4. Ability to reference in APA like style.
5. Ability to critique writing and oral presentations of peers.

REQUIREMENTS:

Students will be required to research and make presentations on two topics, and one extemporaneous presentation during the semester. The two presentations will address a nutritional issue. Students will be required to provide objective, critical written feedback to fellow students on their presentations and written summaries.

EVALUATION:

<table>
<thead>
<tr>
<th>Evaluation</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Presentation:</td>
<td>275</td>
</tr>
<tr>
<td>Second Presentation:</td>
<td>275</td>
</tr>
<tr>
<td>Open book Feedback Exams</td>
<td>50</td>
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<tr>
<td>Extemporaneous Exercise, Library Work, and Feedback to Speakers</td>
<td>400</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>1000</strong></td>
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STUDENT CODE:

Students enrolled in this class will adhere to the ATN Department Student Conduct Policy available online at [http://www.weber.edu/ATN](http://www.weber.edu/ATN).

ACADEMIC HONESTY AND DISHONESTY:

Students should follow the "student code" regarding academic honesty. It is unacceptable to give student’s information about exam questions and their answers or correct answers on assignments. Any individual caught cheating on examinations and assignments; such as plagiarizing or copying another person's homework will receive an automatic "E" for their final grade. In addition, a letter will go into the student's file documenting the crime.

CAMPUS CLOSURE: In the event that the WSU campus is closed for face to face classes, the class will continue to meet at WSU Online [http://online.weber.edu](http://online.weber.edu).
STUDENTS WITH DISABILITIES:
Students with Disabilities: "Any student requiring accommodations or services due to a disability must contact Services for Students with Disabilities (SSD) in room 181 of the Student Services Center. SSD can also arrange to provide course materials (including the syllabus) in alternative formats if necessary." For more information contact SSD at 801-626-6413, ssd@weber.edu, or http://departments.weber.edu/ssd/.

TENTATIVE COURSE OUTLINE:
Week One
8/29  Introduction to the course
      Explanation of Presentations and Expectations
      Selection of the Topic for first presentation

8/31  Sign-up for first presentation time
      Instructions on creating:
      PowerPoint Presentation
      One-page Summary or outline
      Reference List
      Extemporaneous Speaking and Exercise in Impromptu response

Week Two
9/5   Meet in Stewart Library room 246 (attendance will be taken)
      Orientation on:
      Literature Databases.
      Library Services.
      Remote Access, Interlibrary Loan.
      Instructor Feedback on Topic

9/7   Meet in Stewart Library room 246 (attendance will be taken)
      Orientation and Literature Search
      Instructor Feedback on Topic

Week Three
9/12  Student Presentations
      Due on the day of your presentation:
      1) List of references
      2) Ref Rating Sheet
      3) Copies of Three Selected Refs
      4) Exam Questions

9/14  Student Presentations
      Due on the day of your presentation:
      1) List of references
      2) Ref Rating Sheet
      3) Copies of Three Selected Refs
      4) Exam Questions
Week Four
9/19  Student Presentations
     **Due on the day of your presentation:**
     1) List of references
     2) Ref Rating Sheet
     3) Copies of Three Selected Refs
     4) Exam Questions

9/21  Student Presentations
     **Due on the day of your presentation:**
     1) List of references
     2) Ref Rating Sheet
     3) Copies of Three Selected Refs
     4) Exam Questions

Week Five
9/26  Student Presentations
     **Due on the day of your presentation:**
     1) List of references
     2) Ref Rating Sheet
     3) Copies of Three Selected Refs
     4) Exam Questions

9/28  Take Exam 1
     Correct Exam 1 in class
     Sign-up for second presentation time

Week Six
10/3   Student Presentations
     **Due on the day of your presentation:**
     1) List of references
     2) Ref Rating Sheet
     3) Copies of Three Selected Refs
     4) Exam Questions

10/5   Student Presentations
     **Due on the day of your presentation:**
     1) List of references
     2) Ref Rating Sheet
     3) Copies of Three Selected Refs
     4) Exam Questions

Week Seven
10/10  Student Presentations
     **Due on the day of your presentation:**
     1) List of references
     2) Ref Rating Sheet
     3) Copies of Three Selected Refs
     4) Exam Questions
10/12  Student Presentations
   **Due on the day of your presentation:**
   1) List of references
   2) Ref Rating Sheet
   3) Copies of Three Selected Refs
   4) Exam Questions

**Week Eight**
10/17  Student Presentations or presentation by the Instructor
   **Due on the day of your presentation:**
   1) List of references
   2) Ref Rating Sheet
   3) Copies of Three Selected Refs
   4) Exam Questions

10/19  Take Exam 2 and correct in class

Rod’s running list of ideas for topics for Nutr 4320 Presentations:

- Eating Disorders or Disordered Eating
- The Treatment of Eating Disorders
- Trans fat
- Disclosure of trans fat
- Nutritional information on labels
- HFCS
- Fluoridation in water
- Truth in Labels
- High protein diets
- SDA
- ETA
- Chocolate milk
- Ethics and Nutrigenomics
- Obesity and Health care costs
- GMO/gene spicing and foods
- Paleolithic Nutrition
- South Beach Diet
- HCG Diet
- School lunches
- Government programs
- Pollution (PM 25, chemical pollution, wood smoke) and nutrients (such as Vitamin D/sun exposure) and outdoor exercise
- Lead and nutrients (such as Calcium) and shooting ranges
- Whole30
- Heterocyclic Amines (HCAs) from BBQ Grilling and cancer
- Canola Oil
- Waste in Food Industry
- WIC
- SNAP
- Ketogenic Diets
- Quorn
- Ocean Farming
- Tap Water
- Life without processed food
- Costs and Benefits of Superfoods
- Concussions and role of Nutrition
- Bemer and Magnetic Therapy
- Eating Insects
- MeHg contamination
- TCE contamination and the Davis Campus
- Bees
- Jerky