I. COURSE DESCRIPTION
This course investigates the science of food relative to human performance, nutrition, and health education. Areas of emphasis include nutrient chemistry, function, and interactions; energy consumption and metabolism; and resources for nutrition education.

II. DIVERSITY STATEMENT
The University of South Dakota strives to foster a globally inclusive learning environment where opportunities are provided for diversity to be recognized and respected.

III. RATIONALE
*Learning and Leading through Reflective Practice* is the shared vision of the USD School of Education for all of its programs. The underlying intent of the vision requires that students be exposed to learning experiences that will enhance their ability to engage in life-long learning and leadership roles anchored in reflective practice. Health educators engage in many decision-making processes in the course of delivering a variety of services to the general public. Therefore, students are expected to make data-driven decisions based on reflection of context, theory, research, inquiry, and culturally competent practice. The primary intent of this course is to provide students with a basic knowledge of nutrition and how it relates to human health; students will understand the importance of nutrition in maximizing overall wellness.

IV. REQUIRED TEXTBOOK/MATERIALS
- Adobe Flash Player (needed to use LaunchPad)
  - FREE download here: [https://get.adobe.com/flashplayer/](https://get.adobe.com/flashplayer/)

For more information regarding specific access to LaunchPad and NutritionCalc Plus, please see the General Information for Health 422 document found under “Getting Started” in D2L.
V. STUDENT LEARNING OBJECTIVES

Upon completion of this course, the student will be able to:

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<tr>
<th>Program Outcomes</th>
<th>Course Outcomes</th>
<th>Assessment Techniques</th>
<th>Cross-Curricular Skills</th>
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<tr>
<td>Communication – apply communication skills to disseminate information in a variety of formats to a diverse set of stakeholders.</td>
<td>Critically evaluate fad diets and/or dietary supplements for effectiveness, safety, and efficacy.</td>
<td>Discussion board</td>
<td>Foundational lifelong learning skills</td>
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<td>Personal and Professional Decision Making – utilize a wide base of knowledge to develop both critical thinking and practical skills which allows for the integration of theory and practice.</td>
<td>Assess and analyze one’s own diet, reflecting on changes that could be made to improve personal health.</td>
<td>Newt Tricion’s food diary; Diet Analysis Project</td>
<td>Critical and creative thinking</td>
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<td>Practical and Theoretical Competence – incorporate cutting-edge research findings and recent developments in the field-of-study.</td>
<td>Identify the six nutrients contained in food, understand their major functions and how they are digested/absorbed, and list good food sources of each nutrient.</td>
<td>Diet Analysis Project; Exams</td>
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<td>Analyze and interpret information contained on the Nutrition Facts Panel.</td>
<td>Diet Analysis Project; Exams</td>
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<td>Self enhancement – demonstrate inclusive excellence by incorporating diversity and social responsibility as core elements in each academic course.</td>
<td>Understand the public health impact of nutrition in the prevention and treatment of chronic diseases.</td>
<td>Exams; Diet Analysis Project</td>
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VI. METHODS OF ASSESSMENT

- Syllabus quiz: 5 points
- Discussion board 1: 10 points
- Discussion board 2: 20 points
- Learning Curves: 16 x 5 points = 80 points
- Diet Analysis Project (DAP): 100 points
- Exams: 5 x 50 points = 250 points

Total 465 points

VII. GRADING SCALE

Grades will be determined by computing a percentage of the total points earned for the semester. The grading scale is a straight standard scale:

- 90--100% = A 416 – 465 points
- 80--89% = B 370 – 415 points
- 70--79% = C 323 – 369 points
- 60--69% = D 277 – 322 points
- ≤ 59% = F ≤ 276 points
VIII. EXPECTATIONS FOR GRADED ASSESSMENTS

1) Discussion board posts: For each discussion board, a question or set of questions will be posed by the instructor. Each student is expected to participate professionally. This includes not only expressing the student’s own thoughts, but also providing his/her peers with feedback and asking constructive questions.

- **Discussion Board 1** — Students will be required to submit at least 2 postings on two different days.
  - The first post is in response to the assigned discussion board questions and must be posted by Thursday (by 11:55 pm—Central time).
  - The second post is in response to one of your peer’s postings and must be posted by Sunday (by 11:55 pm—Central time). You may post more than one response to a peer and this is encouraged.
  - Posting two times in one day is not an acceptable frequency (unless you post more than twice for this discussion board).

- **Discussion Board 2** — Students will be required to reserve a dietary supplement and thereafter submit at least 2 postings on two different days.
  - Reserve a supplement from the approved dietary supplement list.
  - The first post is in response to the assigned discussion board questions and must be posted by Thursday (by 11:55 pm—Central time).
  - The second post is in response to one of your peer’s postings and must be posted by Sunday (by 11:55 pm—Central time). You may post more than one response to a peer and this is encouraged.
  - Posting two times in one day is not an acceptable frequency (unless you post more than two times for this discussion board).
  - Each student is expected to have read the assigned material in advance and be prepared to discuss the material with supporting references as appropriate.

- Please refer to Rubric (under the Content link) for grading criteria.

2) Online quizzes/exams: Assessments are based on a multiple choice selection process, are timed and must be taken independently.

- LockDown Browser is required for all exams. It can be downloaded by visiting the USD Technology page (under Downloads) or by clicking here.
- Questions for exams will be pulled from text materials and assignments.
- Exams will only be available for the specified time period.
- No late work or make ups will be allowed unless the student has made specific arrangements with the instructor BEFORE the quiz/exam.

3) Diet analysis project (DAP): This project is a semester-long project. The project is intended to bring awareness to your current diet and the importance of balanced nutrition.

- Worksheets will be due throughout the semester. It is the student’s responsibility to keep track of due dates for each part of the project.
- This project requires use of a working printer and reliable internet access.
- This project must be completed independently.
- DAP Worksheets must be submitted as a Word document to their respective Dropbox. No handwritten submissions will be accepted.
- Please see the instructions under the Content link for more information.
- **Note:** You must correctly submit the 3-day diet record and the NutritionCalc Plus report or you cannot continue with the DAP and will receive a 0 (zero) grade for the entire DAP project.
IX. IMPORTANCE OF NETIQUETTE DURING THIS COURSE

General Netiquette guidelines can be found in the CE Online Orientation (http://www.usd.edu/cde/upload/Online-Orientation-Guide.pdf). The expectations are to follow the basic rules of netiquette and to be courteous to all those in the class. Please type in complete sentences and follow the discussion board guidelines. Use only appropriate acronyms, for example DE for distance education and F2F for face to face. For more information on netiquette please review the following sites: http://www.dtcc.edu/cs/rfc1855.html or http://www.albion.com/netiquette/corerules.html. If you need assistance with a spell-checker, you can download a browser based spell-check at http://www.iespell.com or use Firefox. Please treat all communications in this class as you would in the business world. In other words, the expectations for communications are to be formal, using proper grammar, spelling and netiquette. For examples of proper netiquette, please refer to the CE Online Orientation @ http://www.usd.edu/cde/upload/Online-Orientation-Guide.pdf

X. CLASS POLICIES

a. Contacting the instructor

The best way to contact me is via D2L email (cldyer73143@d2l@sdbor.edu). To do so, just click on my name in the Classlist tool on D2L (this is under the Resources tab in the black Navigation bar). Please note you can only send to this email from within your D2L email. (Do not send to this email using your USD or personal email. It will be rejected.) I will do my utmost to respond to your requests within twenty-four (24) hours during the weekdays or forty-eight (48) hours on weekends or holidays.

b. Grammar, punctuation, spelling, and capitalization

Although this is not a writing intensive class, points will be deducted for grammar, punctuation, spelling and/or capitalization errors. All written assignments, including email communications, should not contain grammar, punctuation, spelling or capitalization errors.

c. General questions about the course

Because this is a large course, general questions regarding the course should be posted on the Discussion Board (using the General Course Questions forum). Questions could include, but are not limited to clarification about assignments, questions about course content or expectations. Please check this discussion forum before emailing your question to the instructor.

d. Online Attendance

Anticipated absences that include a family emergency situation, personal illness requiring a physician’s appointment, and/or sponsored University activities, require each student to contact the instructor prior to the anticipated absence via email. Consideration will be given to each request based on the circumstances. Students are responsible for updating assignments and keeping up with the course pace, regardless of circumstances. In the event that the situation requires a student to miss over 2 weeks of class, it could be
difficult to achieve a passing grade; therefore, it might be in the student’s best interest to withdraw from the course.

e. Submitting assignments electronically
Some class assignments will be submitted via the Dropbox in D2L. You are responsible for ensuring that your assignment is submitted correctly (e.g., not a blank assignment) and before the Dropbox closes. If a blank document is submitted to the Dropbox, the student will receive a “0” for that assignment.

f. Grading/feedback on assignments
   • Discrepancies:
     o Notify your instructor within 1 week of receiving assignment grades regarding any discrepancies so this can be corrected quickly.
     o **DO NOT LEAVE COMMENTS/QUESTIONS IN THE DROPBOX AS THESE ARE NOT READ UNTIL AFTER ASSIGNMENTS ARE DUE.**
   • Exams/Quizzes:
     o Preliminary grades for quizzes/exams will be released as soon as you complete them; however, please note that the instructor will review all quiz/exam items and input your final score under the Grades section on D2L.
     o You should expect your final grade for quizzes/exams no later than 1 week after all students have completed the quiz/exam.
     o **No make-ups will be allowed unless the student has made specific arrangements with the instructor BEFORE the quiz/exam.**

g. Other Assignments:
   • You should expect your final grade for additional assignments (e.g. discussion board and DAP) two weeks after submission.

h. Late assignments
It is the student’s responsibility to submit assignments on time. Due dates are posted in the syllabus as well as on the D2L course homepage under “News”. The instructor reserves the right to accept or decline late assignments. **If accepted, late assignments will be penalized up to 5% of the assignment’s total points for each day beyond the original due date.**

i. Academic Integrity
No credit can be given for a dishonest assignment. At the discretion of the instructor, a student caught engaging in any form of academic dishonesty may be:
   a. Given a zero for that assignment.
   b. Allowed to rewrite and resubmit the assignment for credit.
   c. Assigned a reduced grade for the course.
   d. Dropped from the course.
   e. Failed in the course.

The value of a University of South Dakota education is determined by the quality and character of the students and alums. Therefore, students are expected to uphold academic integrity.
   • All academic work, including, but not limited to, papers, computer programs, assignments, and tests, must consist of the students’ own work.
   • Students are expected to learn and practice proper techniques for accurately citing resource material.
   • Students are expected to be honest in all academic work, refraining from all forms of cheating.

Academic dishonesty may take many forms. Examples of academic dishonesty include but are not limited to the following:
   • Buying, selling, or trading papers, projects, or other assignments;
• Using or attempting to use any unauthorized book, notes, or assistance from any person during a quiz or examination;
• Plagiarizing and/or submitting the work of another as your own;
• Fabricating information or citations;
• Facilitating dishonest acts of others pertaining to academic work
• Possessing unauthorized examinations;
• Submitting, without instructor permission, work previously used;
• Tampering with the academic work of another person;
• Ghosting—taking a quiz or exam in place of a student or having any person take a quiz or exam in your place;
• Any attempt to falsify an assigned grade or an examination, quiz, report, or program or in a grade book, document, or other record;
• Any attempt, or actual, collusion willfully giving or receiving unauthorized or unacknowledged assistance on any assignment (both parties to the collusion are considered responsible.)
• Forging a faculty members or administrator’s signature on any card, form or document.

j. Plagiarism
Successful students do not claim the words or ideas of others as their own. You must cite where the information came from if it is not completely (100%) your own.

Plagiarism- 1) to steal and pass off (the ideas or words of another) as one's own 2) use (another's production) without crediting the source 3) to commit literary theft; present as new and original an idea or product from an existing source (Merriam Webster Dictionary). Plagiarism is a white or black issue; there are no shades of gray. This means either plagiarism occurred or it didn’t. Some students are under the mistaken impression that “unintentional” plagiarism may occur; there is no such thing. A good analogy (and I don’t mean to offend anyone) would be pregnancy. What someone meant to happen or didn’t intend to happen is a moot issue. A person is either pregnant or they aren’t. If you have a question about plagiarism, it is your responsibility to ask. Once it occurs, it is too late to act confused.

Relevant policy links follow below:

k. E-Mail
Course e-mail will be used to clarify and/or seek additional information on assignments or to otherwise communicate with the instructor. Under no circumstances should students rely on e-mail to get information presented on the website. It is the student’s responsibility to check the D2L website and D2L e-mail account on a DAILY basis. I WILL use D2L email to contact you and communicate important messages about the course.

Freedom in Learning
Under Board of Regents and University policy student academic performance may be evaluated solely on an academic basis, not on opinions or conduct in matters unrelated to academic standards. Students should be free to take reasoned exception to the data or views offered in any course of study and to reserve judgment about matters of opinion, but they are responsible for learning the content of any course of study for which they are enrolled. Students who believe that an academic evaluation reflects prejudiced or capricious consideration of student opinions or conduct unrelated to academic standards should contact the dean of the college or school that offers the class to initiate a review of the evaluation.

Disability Accommodation
Any student who feels they may need academic accommodations or access accommodations based on the impact of a documented disability should contact and register with Disability Services during the first week of class or as soon as possible after the diagnosis of a disability. Disability Services is the official office to assist students through the process of disability verification and coordination of appropriate and reasonable accommodations. Students currently registered with Disability Services must obtain a new accommodation memo each semester. Please note: if your home institution is not the University of South Dakota but one of the other South Dakota Board of Regents institutions (e.g., SDSU, SDSMT, BHSU, NSU, DSU), you should work with the disability services coordinator at your home institution.

Ernetta L. Fox, Director
Disability Services, Room 119 Service Center
(605) 677-6389
Web Site: www.usd.edu/ds
E-mail: disabilityservices@usd.edu

Diversity and Inclusive Excellence
The University of South Dakota strives to foster a globally inclusive learning environment where opportunities are provided for diversity to be recognized and respected. To learn more about USD’s diversity and inclusiveness initiatives, please visit the website for the Office of Diversity.

XI. TENTATIVE COURSE SCHEDULE*

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<thead>
<tr>
<th>Date</th>
<th>Lecture/Assignments</th>
<th>Assignments</th>
<th>Quizzes/exams</th>
</tr>
</thead>
<tbody>
<tr>
<td>Due dates</td>
<td>Sunday by 11:55 pm—Central time**</td>
<td>Sunday by 11:55 pm—Central time***</td>
<td></td>
</tr>
<tr>
<td>Week 1: Jan 7-13</td>
<td>Chapter 1: The Science and Scope of Nutrition</td>
<td>Syllabus quiz</td>
<td>Learning Curve (LC) 1 (Due by Sunday, January 13)</td>
</tr>
</tbody>
</table>
| Week 2: Jan 14-20 | Chapter 2: Healthy Diets                                | Discussion Board 1 post due Thursday, Jan 17 by 11:55 pm;
                                                          |                                                | Follow-up post(s) due Sunday, Jan 20 by 11:55 pm |
| Week 3: Jan 21-27 | Chapter 3: Digestion                                    | 3-day Food Diary and 3-day Spreadsheet Report from NutritionCalc Plus | LC 3                                        |
| Week 4: Jan 28-Feb 3 | Chapter 4: Carbohydrates                               |                                                  | Exam 1 (Chapters 1-3)                       |
| Week 5: Feb 4 - 10 | Chapter 5: Nutrition and Diabetes                       | Diet Analysis Project (DAP) Worksheet 1: Evaluate Your Energy Balance | LC 4 LC 5                                   |
| Week 6: Feb 11-17 | Chapter 6: The Lipids                                   |                                                  | LC 6 LC 7                                   |
| Week 7: Feb 18-24 | Chapter 8: Protein | | Exam 2 (Chapters 4-7) |
| Week 8: Feb 25-Mar 3 | Chapter 9: Plant-Based Diets | DAP Worksheet 2: Evaluate Your Carbohydrate and Fat Intake | LC 8 LC 9 |
| Week 9: Mar 4-10 | SPRING RECESS | | |
| Week 10: Mar 11-17 | Chapter 10: Fat-Soluble Vitamins | Chapter 11: Water-Soluble Vitamins | DAP Worksheet 3: Evaluate Your Protein, Vitamin, and Mineral Intake | LC 10 LC 11 |
| Week 11: Mar 18-24 | Chapter 12: Dietary Supplements | Reserve supplement for Discussion Board 2 (Week 12) | Exam 3 (Chapters 8-11) |
| Week 12: Mar 25-31 | Chapter 13: Major Minerals and Water | Initial post for Discussion Board 2 due **Thursday, Mar 28 by 11:55 pm**; Follow-up post due **Sunday, Mar 31 by 11:55 pm** | LC 12 LC 13 |
| Week 13: Apr 1-7 | Chapter 14: Trace Minerals | | LC 14 |
| Week 14: Apr 8-14 | Chapter 15: Energy Balance and Obesity | | Exam 4 (Chapters 12-14) |
| Week 15: Apr 15-21 *Easter Recess* April 19-21 | Chapter 16: Nutrition and Fitness | DAP Worksheet 4: Evaluate Your Weight and Health Risks | LC 15 LC 16 |
| Week 16: Apr 22-28 | Chapter 21: Nutrition and the Aging Adults | | LC 21 (This learning curve is optional and counts for extra credit) |
| Final exam week: Apr 29-May 3 | **Semester ends on Friday, May 3** | EXAM 5 due Friday, May 3 by 11:55 pm | Exam 5 (Chapters 15, 16, and 21) |

*Subject to change—students will be notified of changes via course e-mail and the revised syllabus will be posted in the D2L course site. All times listed are Central time zone.**

**All Chapters are required. All Learning Curves (LC) are optional study guides.**

***Note that for the Discussion Board, your initial (1st) post must be posted by Thursday by 11:55 pm.**

****Exams/quizzes will be opened on Monday morning of each week and will close Sunday, at 11:55 pm—Central time.