

**UNIVERSITY OF NEVADA LAS VEGAS**  
**DEPARTMENT OF KINESIOLOGY AND NUTRITION SCIENCES**  
**NUTR 450- Nutritional Pathophysiology – Spring 2016**

**Instructor:** Damon McCune, MS, RDN, LD

**Phone:** 702-895-4478   **Office:** BHS 358

**Department Office:** BHS 319; Audrey Coffee, Administrative Assistant; 702-895-4328

**E-mail:** via WebCampus only ([damon.mccune@unlv.edu](mailto:damon.mccune@unlv.edu) in an emergency)

**Office Hours:** MW 11:00 am – 1:00 pm (please make an appointment to be sure of a meeting.)  
Please use WebCampus to maintain contact with me.

**Class Credits, Time & Location:** 3 credits, MW 2:30 pm - 3:45pm, BHS 133

**Course description:** Investigation of pathophysiology of common human metabolic disorders. Develops an understanding of the role of nutrition in the etiology and treatment of these disorders through examination of case studies.

**Course Texts/Readings (Most current editions.)**

- Nutrition Therapy and Pathophysiology 3<sup>rd</sup> edition. Marcia Nelms, Kathryn Sucher, Karen Lucey. Cengage Learning. It is available at the bookstore and through [www.cengage.com](http://www.cengage.com)

**Course Objectives:**

Upon completion of the course the student will:

- Integrate salient concepts such as human organ body system function and homeostasis with specific disease pathology
- Explain the clinical manifestations that arise from disturbances with body system functions
- Apply critical thinking when assessing the pathophysiological processes to case studies

**Foundation Knowledge and Skills**

At the completion of this course, the students will have met the following ACEND Foundation Knowledge Requirements and Learning Outcomes:

**KRD 5.2:** The physical and biological science foundation of the dietetics profession must be evident in the curriculum. Course content must include organic chemistry, biochemistry, physiology, genetics, microbiology, pharmacology, statistics, nutrient metabolism and nutrition across the lifespan.

## Course Evaluation:

Item	% of Total Grade
Exams (3 In-class – 200 points each)	60% (600)
Final Exam	25% (250)
Participation	15% (150)
<b>TOTAL POINTS</b>	<b>100% 1000</b>
<b>Course Grade:</b> 93-100% = A; 90-92% = A-; 87-89% = B+; 83-86% = B; 80-82% = B-; 77-79% = C+; 73-76% = C; 70-72% = C-; 67-69% = D+; 63-66% = D; 60-62% = D-; <60% = F	

## Course Format:

Assigned textbook chapters or other materials are to be read prior to each class meeting. Lectures may contain information not presented in the textbook. It will be the student's responsibility to ask questions in class or during an appointment if any information is unclear. Exams may contain material from the textbook, readings, and from class lectures. Missed exams and projects must be discussed with the instructor prior to the exam date or project due date, and make-ups will be at the discretion of the instructor. In the event of a legitimate emergency, the instructor must be contacted within a reasonable amount of time. Failure to do so will result in a zero. Late assignments will be deducted 10% per day (including weekend days) until received by the instructor.

Academic integrity is expected at all times. Violating this will result in penalties ranging from a zero on the assignment/quiz/exam, failing grade in the course, or academic suspension. Examples of academic misconduct include cheating in any manner or plagiarizing. Please refer to your student handbook for further definitions and examples.

It is expected that all students will behave in a professional and courteous manner. Side conversations, use of cellular phones, or other disturbing behavior during the class period will not be tolerated. If you engage in any of these behaviors, you will be asked to leave the class. A student who chooses not to comply is subject to an administrative course drop. Participation via questions and comments directed toward the instructor and/or other students is encouraged.

## Announcements

**Professional Behavior-** It is expected that all students will behave in a professional and courteous manner when communicating with their instructor, teaching assistants, and fellow students. Rude behavior will not be tolerated. If you engage in any of these behaviors, and fail to correct the problem, a report will be sent to the UNLV Office of Student Conduct. A student who chooses not to comply is subject to an administrative course drop. Of course, professional participation via questions and comments directed toward the instructor, TA, and/or other student is encouraged.

**Academic Misconduct** – Academic integrity is a legitimate concern for every member of the campus community; all share in upholding the fundamental values of honesty, trust, respect, fairness, responsibility and professionalism. By choosing to join the UNLV community, students accept the expectations of the Student Academic Misconduct Policy and are encouraged when faced with choices to always take the ethical path. Students enrolling in UNLV assume the obligation to conduct themselves in a manner compatible with UNLV's function as an educational institution. An example of academic misconduct is plagiarism. Plagiarism is using the words or ideas of another, from the Internet or any source, without proper citation of the sources. See the Student Academic Misconduct Policy (approved December 9, 2005) located at:

<http://studentconduct.unlv.edu/misconduct/policy.html>

**Copyright** – The University requires all members of the University Community to familiarize

themselves with and to follow copyright and fair use requirements. You are individually and solely responsible for violations of copyright and fair use laws. The university will neither protect nor defend you nor assume any responsibility for employee or student violations of fair use laws. Violations of copyright laws could subject you to federal and state civil penalties and criminal liability, as well as disciplinary action under University policies. Additional information can be found at: <http://www.unlv.edu/provost/copyright>

**Disability Resource Center (DRC)** – The UNLV Disability Resource Center (SSC-A 143, <http://drc.unlv.edu/>, 702-895-0866) provides resources for students with disabilities. If you feel that you have a disability, please make an appointment with a Disabilities Specialist at the DRC to discuss what options may be available to you. If you are registered with the UNLV Disability Resource Center, bring your Academic Accommodation Plan from the DRC to the instructor during office hours so that you may work together to develop strategies for implementing the accommodations to meet both your needs and the requirements of the course. Any information you provide is private and will be treated as such. To maintain the confidentiality of your request, please do not approach the instructor in front of others to discuss your accommodation needs.

**Religious Holidays Policy** – Any student missing class quizzes, examinations, or any other class or lab work because of observance of religious holidays shall be given an opportunity during that semester to make up missed work. The make-up will apply to the religious holiday absence only. It shall be the responsibility of the student to notify the instructor no later than the end of the first two weeks of classes, January 29, 2016, of his or her intention to participate in religious holidays which do not fall on state holidays or periods of class recess. For additional information, please visit: <http://catalog.unlv.edu/content.php?catoid=6&navoid=531>.

**Incomplete Grades** - The grade of I – Incomplete – can be granted when a student has satisfactorily completed three-fourths of course work for that semester/session but for reason(s) beyond the student’s control, and acceptable to the instructor, cannot complete the last part of the course, and the instructor believes that the student can finish the course without repeating it. The incomplete work must be made up before the end of the following regular semester for undergraduate courses. Graduate students receiving “I” grades in 500-, 600-, or 700-level courses have up to one calendar year to complete the work, at the discretion of the instructor. If course requirements are not completed within the time indicated, a grade of F will be recorded and the GPA will be adjusted accordingly. Students who are fulfilling an Incomplete do not register for the course but make individual arrangements with the instructor who assigned the I grade.

**Tutoring** – The Academic Success Center (ASC) provides tutoring and academic assistance for all UNLV students taking UNLV courses. Students are encouraged to stop by the ASC to learn more about subjects offered, tutoring times and other academic resources. The ASC is located across from the Student Services Complex (SSC). Students may learn more about tutoring services by calling 702-895-3177 or visiting the tutoring web site at: <http://academicsuccess.unlv.edu/tutoring/>.

**UNLV Writing Center** – One-on-one or small group assistance with writing is available free of charge to UNLV students at the Writing Center, located in CDC-3-301. Although walk-in consultations are sometimes available, students with appointments will receive priority assistance. Appointments may be made in person or by calling 702-895-3908. The student’s Rebel ID Card, a copy of the assignment (if possible), and two copies of any writing to be reviewed are requested for the consultation. More information can be found at: <http://writingcenter.unlv.edu/>

**Rebelmail** – By policy, faculty and staff should e-mail students’ Rebelmail accounts only.

Rebelmail is UNLV's official e-mail system for students. It is one of the primary ways students receive official university communication such as information about deadlines, major campus events, and announcements. All UNLV students receive a Rebelmail account after they have been admitted to the university. Students' e-mail prefixes are listed on class rosters. The suffix is always @unlv.nevada.edu. Emailing within WebCampus is acceptable.

**Final Examinations** – The University requires that final exams given at the end of a course occur at the time and on the day specified in the final exam schedule. See the schedule at: <http://www.unlv.edu/registrar/calendars>. Any other class specific information - (e.g., absences, make-up exams, extra credit policies, plagiarism/cheating consequences, policy on electronic devices, specialized department or college tutoring programs, bringing children to class, policy on recording classroom lectures, etc.).

**Library Resources** –Students may consult with a librarian ([www.library.unlv.edu/consultation](http://www.library.unlv.edu/consultation)) about research needs. For this class, the subject librarian is Xan Goodman. UNLV Libraries provides resources to support students' access to information. Discovery, access, and use of information are vital skills for academic work and for successful post-college life. Access library resources and ask questions at [www.library.unlv.edu/](http://www.library.unlv.edu/)

Once points are issued via WebCampus for quiz, assignment, or project, students have 72 hours to ask questions about earned points. After that, points cannot be changed. It is important for you to check WebCampus daily.

## TENTATIVE Course Outline, Spring 2016

Wk	Monday	Wednesday
1	1/18 NO CLASS - MLK Day	1/20 Course Overview, Fluid & Electrolyte
2	1/25 Fluid & Electrolyte/Upper GI	1/27 Upper/Lower GI
3	2/1 Upper/Lower GI	2/3 Liver, Biliary, Pancreas
4	2/8 Musculoskeletal/Endocrine	2/10 Endocrine
5	2/15 NO CLASS – President’s Day	2/17 Exam Review
6	2/22 <b>Exam 1</b>	2/24 Cardiovascular
7	2/29 Cardiovascular	3/2 Renal
8	3/7 Renal	3/9 Exam Review
9	3/14 <b>Exam 2</b>	3/16 Metabolic Stress/Critically Ill
10	3/21 SPRING BREAK – NO CLASS	3/23 SPRING BREAK – NO CLASS
11	3/28 Guest Speaker	3/30 Guest Speaker
	4/4 Respiratory	4/6 Respiratory
12	4/11 Acid/Base Balance	4/13 Exam Review
13	4/18 <b>Exam 3</b>	4/20 Pharmacology
14	4/25 Neurological	4/27 Nutritional Genomics
15	5/2 In-Class Case Study	5/4 Exam Review
16	5/9 <b>Final Exam – Wednesday May 11<sup>th</sup> 3:10 pm – 5:10 pm</b>	