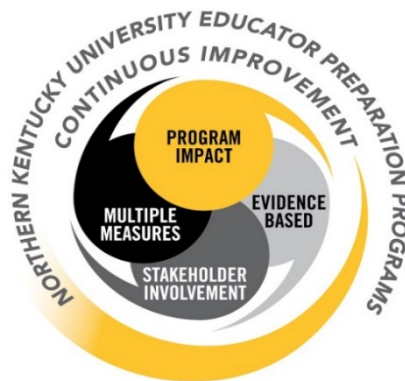


Northern Kentucky University
College of Education and Human Services
KIN 313
Computer Applications for Health and Exercise Science
2 credit hours Spring, 2017



"Committed to the Development of All Learners"

Committed to the Development of All Learners is the theme that undergirds the Conceptual Framework for all professional education programs in the College of Education and Human Services (COEHS) at Northern Kentucky University. The Conceptual Framework is supported by the missions of the university and the college and used by faculty to continuously assess and update the curricula of the initial and advanced programs. The COEHS created its Conceptual Framework after input from its constituents: education, arts, and science faculty, candidates, staff, and community members. The graphic depicts a framework of continuously assessing the knowledge, skills, and dispositions that classroom teachers, instructional leaders, and school counselors must have to facilitate student learning and academic achievement.

Kentucky Academic Standards (KAS)

Preparation of Kentucky's students for the demands of the 21st century requires districts and schools to prepare every student for successful transition to be College and Career Ready. The Kentucky Academic Standards help ensure that all students throughout

Kentucky are provided with common content and have opportunities to learn at high levels. As education candidates complete and implement projects and assignments throughout their education programs at NKU, they will incorporate the components of the [Kentucky Academic Standards](#).

Name of Professor: Gary Eippert, PhD

Office Location: HC 114

Office Hours: 8:30 – 9:15 am & 1-1:30 pm, Tuesday & Thursday, and 10 -12 on
Wednesday - Others by Appointment

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Optional Text:

Mohnsen, Bonnie. *Using Technology in Physical Education*. 7th Ed. Bonnie's Fitware. 2010

Supplemental Materials

There is no required text for this class, but the following materials are required *, the others are highly recommended:

- Windows platform computer (see note 2 below)
- USB Flash Drive* at least 8 GB
- Headphone/microphone combination or iPod ear buds with a separate microphone
- Several blank CD-R disks
- Internet Access to NKU's Blackboard
- Microsoft Office 2007, **2010**, 2012, 2013

Note:

1. **Some assignments must be prepared using computers on the NKU network/campus. Time on campus must be scheduled accordingly.**

- 2. This class will attempt to have projects across platforms; however some assignments will need to be completed on a Windows platform. Please discuss options with the instructor if the student wishes to use Apple software for assignments.**

Course Description and Standards Met

This course will introduce students to the utilization of technology in the teaching and learning process. KIN 313 will focus on technological solutions necessary for a professional career as a teacher. Particular emphasis will be placed on the COEHS themes of technology, evaluation, and instructional design. The course addresses the following New Teacher Standards (means of assessment in boldface).

STANDARD 1: *The teacher demonstrates applied content knowledge.*

- 1.1 Communicates concepts, processes, and knowledge.
(All Course Assignments and Final Project)
- 1.2 Connects content to life experiences of student.
(PowerPoint, Audacity, Movie Maker, Photo Story, Web 2.0 Tools, and Final Project)
- 1.3 Demonstrates instructional strategies that are appropriate for content and contribute to student learning.
(All Course Assignments and Final Project).
- 1.4 Guides students to understand content from various perspectives. **(All Course Assignments and Final Project).**

STANDARD 2: *The teacher designs and plans instruction.*

- 2.1 Develops significant objectives aligned with standards
(All Course Assignments and Final Project)
- 2.2 Uses contextual data to design instruction relevant to students.

(All Course Assignments and Final Project)

2.4 Plans instructional strategies and activities that address learning objectives for all students.

(All Course Assignments and Final Project).

2.5 Plans instructional strategies and activities that facilitate multiple levels of learning.

(All Course Assignments and Final Project).

STANDARD 3: *The teacher creates and maintains learning climate.*

3.3 Values and supports student diversity and addresses individual needs

(All Course Assignments and Final Project)

STANDARD 4: *The teacher implements and manages instruction.*

4.1 Uses a variety of instructional strategies that align with learning objectives and actively engage students.

(All Course Assignments and Final Project)

4.2 Implements instruction based on diverse student needs and assessment data.

(All Course Assignments and Final Project)

STANDARD 6: *The teacher demonstrates the implementation of technology*

6.1 Uses available technology to design and plan instruction.

(All Course Assignments and Final Project)

6.2 Uses available technology to implement instruction that facilitates student learning.

(All Course Assignments and Final Project)

6.3 Integrates student use of available technology into instruction

(All Course Assignments and Final Project).

6.4 Uses available technology to assess and communicate student learning.

(PowerPoint and Movie Maker).

6.5 **Demonstrates ethical and legal use of technology.**

(Web 2.0 Tools, Internet, PowerPoint, Audacity, Movie Maker).

The assessment measures in this course will appraise the student's understanding of the standards listed above and application of these concepts in the teaching and learning process.

Student Learning Outcome	Assessment/ Assignments <u>KAS Alignment</u>	<u>Kentucky Teacher Standards</u>	<u>InTASC Standard and Category</u>	Specialized Professional Association (SPA) Standards	<u>KfFT Domains</u>
Read assigned materials & complete activities from online text & other sources.	KAS Goal 5 and 6	KTS 6.1-6.5	InTASC 4.a- 4.i	SHAPE PE Std. 1.1- 1.5 SHAPE Health Std. 1	KfFT 1.a; 1.d
Use Microsoft Word to create enticing handouts & generate mail merge documents.	KAS Goal 5 and 6	KTS 6.1-6.5	InTASC 4.a- 4.i	SHAPE PE Std. 1.1- 1.5 SHAPE Health Std. 1	KfFT 1.a; 1.d
Develop a PowerPoint presentation to instruct or refine learning	KAS Goal 5 and 6	KTS 6.1-6.5	InTASC 4.a- 4.i	SHAPE PE Std. 1.1- 1.5 SHAPE Health Std. 1	KfFT 1.a; 1.d
Use the Internet and Web 2.0 tools facilitate teaching and learning	KAS Goal 5 and 6	KTS 6.1-6.5	InTASC 4.a- 4.i	SHAPE PE Std. 1.1- 1.5 SHAPE Health Std. 1	KfFT 1.a; 1.d
Develop a personal web page.	KAS Goal 5 and 6	KTS 6.1-6.5	InTASC 4.a- 4.i	SHAPE PE Std. 1.1- 1.5 SHAPE Health Std. 1	KfFT 1.a; 1.d
Develop a better understanding of different multimedia software	KAS Goal 5 and 6	KTS 6.1-6.5	InTASC 4.a- 4.i	SHAPE PE Std. 1.1- 1.5 SHAPE Health Std. 1	KfFT 1.a; 1.d
Complete a Final Project involving Word, the Internet, & multimedia software	KAS Goal 5 and 6	KTS 6.1-6.5	InTASC 4.a- 4.i	SHAPE PE Std. 1.1- 1.5 SHAPE Health Std. 1	KfFT 1.a; 1.d

Course Requirements/Objectives (subject to change according to assignments)

1. Attend class and participate in a professional manner.
2. Read assigned materials & complete activities from online text & other sources.
3. Understand computer hardware
4. Use specific components related to Exercise Science and Health
5. Use Microsoft Word to create enticing handouts & generate mail merge documents.
6. Develop a PowerPoint presentation to instruct or refine learning.
7. Use the Internet and Web 2.0 tools facilitate teaching and learning.
8. Develop a personal web page.
9. Use Microsoft Excel to facilitate management functions and create graphs.
10. Use Microsoft Paint to create and manipulate graphic images.
11. Use Audacity to manipulate audio and create a podcast.
12. Use Microsoft Movie Maker to create a movie combining images, video, and sound clips.
13. Use Microsoft Photo Story to create a video combining images and audio.
14. Complete a Final Project involving Word, the Internet, & multimedia software.

Assignments will be given a number grade based on departmental grading policy and on the scoring guidelines, which accompany each assignment.

Student Activities, Evaluation, and Grading Policy:

Students will attend all class meetings and participate in class discussion and group activities. In addition, students will complete the following assignments:

**** Subject to Change ****

In-class Quizzes	10
Atomic Learning	20
Brochure	20
Excel Assignment	25

Graphing Assignment	20
Mail Merge / Picasa	20
PowerPoint	25
Evaluating Internet	15
Personal Web Site	20
Audacity	20
Photo Story	20
Final Project	95
Attendance /Professional Behavior*	20

* **Professional Behavior**, which involves conduct in a professional manner as well as prompt attendance, is expected of all who enter the exercise science profession. Professional behavior is expected in KIN 313, too. Absence is not an excuse for late submission of assignments - please see the information on **Attendance**, found in this syllabus. Each student is given 20 points for expected professional behavior. Points may be deducted if students are not focused on the lesson while in class, i.e. text messaging, web surfing, etc.

* **These assignments and point values are subject to change as the instructor deems necessary. These changes will be communicated in class.**

GRADING SCALE

Undergraduate Plus – Minus scale		
Letter Grade	% Equal to or Greater than	Grade Point
A	90-100	4.00
A-	89-89.99	3.67
B+	87-88.99	3.33
B	83-86.99	3.00
B-	80-82.99	2.67
C+	77-79.99	2.33
C	73-76.99	2.00
C-	70-72.99	1.67
D+	67-69.99	1.33
D	60-66.99	1.00

F	0	0
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PLEASE NOTE: The instructor reserves the right to modify the course requirements and grading system to accommodate any special situations the may arise throughout the semester.

Other Policies

1. **Attendance:** Students are allowed **ONE** unexcused absences without penalty. Upon the second unexcused absence, the student will incur a 5% reduction of the **total course grade**. On the third unexcused absence, and beyond the student will incur an additional 5% penalty for each absence. Absences are only excused if the student requests approval for the absence in writing one class period before the anticipated absence, or for illness/injury with a supporting note from a qualified medical professional (Nurse, PA, MD, or DO). The instructor will determine the validity of all absences. Any assignments/tests that are completed in class that is missed can only be made up if a valid written documentation explaining the absence is provided.

Example: 300 pts, 5% = 15 pts/class

Days Absent	Points Deducted	Attendance Points
1	0	20
2	15	5
3	30	-10

2. **Tardiness:**

Arriving on time for class is an academic courtesy to fellow students and the professor. Students will be considered tardy when arriving 10 minutes after the stated class starting time. Students are allowed **two** tardiness without penalty. Upon the third tardiness, the student will incur a 3% reduction of the **total course grade**. On the fourth tardiness, and beyond the student will incur an additional 3% penalty for each tardiness. (ex: 300 pts, 3% = 9 pts/class).

3. Late Assignments/Makeup Policy

All assignments must be turned in **prior to the beginning of class**. All assignments will be turned in on **Blackboard** – please do not email assignments. Assignments turned in after the beginning of class or will receive **10%** deduction in the grade. An additional 15% point deduction will be taken each day (starting at midnight) the assignment is late.

- *For example if your assignment was due Wednesday, January 28th at 8:00 am. (worth 20 points) and you submitted it Thursday, the 29th at 7:00 a.m. – you will lose 25% (5 points).*

Days Late	Percent Deducted	Points Deducted
After class	10	2
1	25	5
2	40	8
3	55	11
4	70	14
5	85	17
6	100	20

DO NOT WAIT until the last minute to complete weekly assignments, as computer and Internet posting difficulties should be expected periodically.

4. E-mail

I am responsive to e-mail questions (usually within 24 hours), but understand that I am less responsive and at times unresponsive on the weekends. Do not wait until the day / night before an assignment is due to ask an important question through e-mail.

A second note on e-mail – When writing an e-mail to me, **write it in a manner that you would use to write to a principal or boss**. It does not need to be overly formal, but it does need to be professional. Avoid shorthand (u for you, etc.), follow capitalization and grammar rules, and make sure to sign your name at the bottom.

Finally – please be as specific as possible in the email. The more information that you are able to tell me about the problem the more I may be able to piece together a solution. But remember there are multiple systems and errors that can occur... If that happens please call the help desk (on campus = 6911, off campus = 859.572.6911)

5. Grammar and Spelling

All assignments will be graded not only for content but also for spelling and grammar usage. Although not specifically stated in the rubric, it is expected that you will check all assignments sentence fragments, sentence structure and misspelled words.

6. Using “Blackboard”

You will find extensive supplemental course material on the University’s Blackboard site. Simply log in to learnonline.nku.edu and go from there. You will find assignment descriptions/guidelines, activities, a copy of this syllabus, your grades, and much more on the site. The site also has a section for messages, and we will be able to contact each other through e-mail on the Blackboard site whenever necessary. It is the students responsibility to check their grades and inform the instructor of any complications in using Blackboard.

7. Students with Disabilities

Students with disabilities who require accommodations (academic adjustments, auxiliary aids or services) for this course must register with the Disability Services Office. Please contact the Disability Service Office immediately in the University Center, Suite 320 or call 859-572-6373 for more information. Verification of your disability is required in the Disability Services Office for you to receive reasonable academic accommodations. Visit the Disability Services website at www.nku.edu/~disability/.

8. Student Honor Code/Plagiarism

The work you will do in this course is subject to the Student Honor Code. The Honor Code is a commitment to the highest degree of ethical integrity in academic conduct, a commitment that, individually and collectively, the students of Northern Kentucky University will not lie, cheat, or plagiarize to gain an academic advantage over fellow students to avoid academic requirements. To plagiarize is to “1. To use and pass off as one's own (the ideas or writings of another). 2. To appropriate for use as one's own passages or ideas from (another). --*intr.* To put forth as original to oneself the ideas or words of another.” (American Heritage Dictionary) If plagiarism is discovered, the first offense will result in a “0” for the assignment, the next offense, an “F” for the course.

Unauthorized duplication of copyrighted software is considered to be a violation of the Student Code.

9. Cheating

Anyone who copies answers from another person, or uses any other means to cheat on class assignments, will receive an automatic “F” for the assignment.

The "F" will have a numeric value of zero and will be averaged in with your assignment grades, which will greatly jeopardize your chances of passing the class.

10. Cell Phones/Pagers/Other Distractions

Please be respectful of others and turn off all audible cell phones, pagers, and anything else that would cause a disturbance in class. If the instructor views a student who is consistently on their phone they will be counted as Tardy for that day and continued usage will result with points being deducted from the class (please refer to tardiness section of syllabus).

Please note that quizzes will start 5 minutes into the class. Quizzes will only be available at that time. If students are tardy they will miss the opportunity to take the quiz and will not be able to make up the points.

Computer Labs on Campus:

[Check this link for available hours:](#)

EPSB Themes

All NKU professional education programs address and affirm the value of diversity in education, the importance of helping all children develop reading and literacy skills, attaining high levels of skill in assessing the outcomes of instruction, and using those skills to develop strategies for closing identified achievement gaps. This course will provide students an opportunity to demonstrate their knowledge, skills, and dispositions in the particular theme(s) of: diversity, assessment, literacy/reading, and/or closing the achievement gap.

Evaluation and Grading Policy:

- I. The College of Education will use the following criteria for grades in **undergraduate** courses:
 - A. Superior: Exceptional performance for undergraduate students. Understanding of terms and concepts thoroughly demonstrated; ideas clearly and thoughtfully

- presented; activities effectively completed; competence clearly demonstrated in performance and knowledge areas; appropriate English usage and spelling.
- B. High Achievement: High achievement; clearly very good but not outstanding performance for undergraduate students. Understanding of terms and ideas well demonstrated; ideas clearly presented; activities completed; competence well demonstrated in performance and knowledge areas; appropriate English usage and spelling.
- C. Adequate: The minimum expected of undergraduate students. Understanding of terms and concepts adequately demonstrated; ideas adequately presented; activities completed; competence demonstrated in performance areas; written materials readable, with a few English and/or spelling errors.
- D. Unsatisfactory: Understanding of terms and concepts only vaguely demonstrated; competence in performance areas not clearly demonstrated; English usage and spelling marginal or below average. F. Unacceptable: Not acceptable for undergraduate credit.

STUDENT HONOR CODE

The Student Honor Code [the "Honor Code"] is a commitment by students of Northern Kentucky University, through their matriculation or continued enrollment at the University, to adhere to the highest degree of ethical integrity in academic conduct. It is a commitment individually and collectively that the students of Northern Kentucky University will not lie, cheat, or plagiarize to gain an academic advantage over fellow students or avoid academic requirements.

The purpose of the Honor Code is to establish standards of academic conduct for students at Northern Kentucky University and to provide a procedure that offers basic assurances of fundamental fairness to any person accused of violations of these rules. Each Northern Kentucky University student is bound by the provisions of the Honor Code and is presumed to be familiar with all of its provisions. Students also should aspire to conduct themselves in a manner that is consistent with the highest degree of ethical integrity in all matters, whether covered in the Honor Code or not. The success of this commitment begins in the diligence with which students uphold the letter and the spirit of the Honor Code. Students may view the complete honor code at <http://deanofstudents.nku.edu/policies/student-rights.html#policies>.

In addition, students in the education programs must also adhere to the education programs' Code of Ethics: http://coehs.nku.edu/content/dam/coehs/docs/COEHS_code_ethics_20.doc and the Professional Code of Ethics for Kentucky School Certified Personnel: <http://www.kyepsb.net/legal/ethics.asp>.

CREDIT HOUR POLICY STATEMENT

In accordance with federal policy, NKU defines a credit hour as the amount of work represented in the achievement of student learning outcomes (verified by evidence of student achievement) that reasonably approximates one hour (50 minutes) of classroom instruction and a minimum of two hours of out-of-class student work. For every course credit hour, a typical student should expect to spend at least three hours per week of concentrated attention on course-related work including, but not limited to, class meeting time, reading, reviewing, organizing notes, studying and completing assignments. At least an equivalent amount of time is expected for other academic activities such as online courses, laboratory work, internships, practical, studio work and other academic work leading to the award of credit hours.

Estimates of the time required for a typical student to complete course expectations are as follows:

In-Class: 1 day x 110 minutes x 15 weeks	= 27.5 Hours (1,650 minutes)
Readings for class: 15 weeks x 1 hours each	= 15.0 Hours
Assignments: 10 assignments x 2 hour each	= 20.0 Hours
<u>Final PowerPoint / Presentation</u>	<u>= 4.5 Hours</u>
Total	= 67 Hours

STUDENT EVALUATION OF INSTRUCTOR AND COURSE

Northern Kentucky University takes Instructor and Course Evaluations very seriously as an important means of gathering information for the enhancement of learning opportunities for its students. It is an important responsibility of NKU students as citizens of the University to participate in the instructor and course evaluation process. During the two weeks* prior to the end of each semester classes, you will be asked to reflect upon what you have learned in this course, the extent to which you have invested the necessary effort to maximize your learning, and the role your instructor has played in the learning process. It is very important that you complete the online evaluations with thoughtfully written comments.

Student evaluations of courses and instructors are regarded as strictly confidential. They are not available to the instructor until after final grades are submitted, and extensive precautions are taken to prevent your comments from being identified as coming from you. Students who complete an evaluation for a particular course (or opt out of doing so in the evaluation) will be rewarded for their participation by having access to their course grade as soon as that grade is submitted by the instructor. On the other hand, any student who does not complete the course

evaluation (or opt out of doing so in the evaluation) should expect to incur a two week delay in access to his or her course grade beyond the university's official date for grade availability. To complete online evaluations go to <http://eval.nku.edu>. Click on "student login" and use the same USERNAME and PASSWORD as used on campus.

In addition, you should be aware of:

- Evaluations can affect changes in courses. Evaluations without comments are less valuable and less credible than those filled out thoughtfully. Comments that are expressed well are more effective than those that are not.
- Positive feedback is just as important as criticism. Moreover, negative evaluations without any explanation and specifics are not especially useful.
- Once grades are submitted, all evaluations are read not only by the instructor, but also by the instructor's department chairperson.
- Evaluations not only provide feedback to your instructor, but also provide information to the department chair for use in performance evaluations. This information affects reappointments, promotions, salaries, and teaching assignments.

ACCOMMODATIONS DUE TO DISABILITY

Northern Kentucky University is committed to providing reasonable accommodations for all persons with disabilities. The syllabus is available in alternate formats upon request. Students with disabilities: If you are seeking classroom accommodations under the Americans with Disabilities Act, you are required to register with the Disability Programs and Services Office in SU 303. To receive academic accommodations for this class, please obtain the proper DPS forms and meet with me at the beginning of the semester. More information on Disability Services can be found at <http://disability.nku.edu>.

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Sharp, Vicki. Computer Education for Teachers. Boston: McGraw Hill, 2012.

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***This syllabus is subject to change at the discretion of the instructor if
circumstances so dictate.***