**COMPUTERS IN AGRICULTURE**

**AG 111**

**Online Course Syllabus**

**Instructor:** Jenny Strooband

**Email:** stroobj@linnbenton.edu

**Office Location:** White Oak Hall 127C

**Credits:** 3

**Office Hours:** Tuesdays 11-1, Wednesdays 11-12, or by appointment

**Phone: 541.917.4767**

**Required Supplies:** Memory storage device, and access to a computer and the internet

**Course Objectives:** Upon successful completion of this course students will:

* Have a fundamental understanding of Microsoft Word, Excel, Power Point, Prezi, and basic website design. Students will have the ability to apply this knowledge to practical tasks in word processing, spreadsheets, presentations and website development.
* Write a professional letter using Microsoft Word.
* Develop a marketing flyer and brochure using Microsoft Word or Microsoft Publisher.
* Develop a spreadsheet and apply charts for simple analysis using Microsoft Excel.
* Design an oral presentation using Microsoft PowerPoint.
* Design a simple website using a web editor

**Grading Procedure:** Final grades are earmed based on the following: # pts Total

Practice Problems (homework) 9 10 each 90

Technology Dis. Ques. 6 10 each 60

Discussion Boards 6 5 30

Exam (week 10-11) 1 100 100

Term Project 1 100 100

 **390**

\*\*Additional assignments/quizzes may be given at the instructor's discretion\*\*

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### **Grade Determination:**

A= 90%

B= 80%

C= 70%

D= 60%

F= <60%

**Class Guidelines and Information:**

1. **Practice problems** will be due on the following Sunday after they were assigned. For example, week one practice problems will be due the Sunday of week 2 (see the schedule below for details). Late work is accepted for up to ½ credit unless prior arrangements have been established with the instructor.

2. I will assign 6 **articles outlining an emerging technology in Agriculture** during weeks 2, 3, 4, 6, 7 and 8. These articles will have study questions associated with them with clear due dates. I will also open a discussion board about each article and pose a question to the class. You must participate in the discussion to get credit.

3. You will have a **term project** due at the end of the term that focuses on one of the 6 emerging technologies we discuss. There will be more information about this project posted on the Moodle Class Website.

4. There will be an **online exam** offered the last week of class, and due the Monday of finals week.

5. **Incompletes** are given in the event a student completes the majority of the course work, but for some valid reason misses a portion of the class. Before an incomplete is given, the student must sign a contract with the instructor stating how and when the work is to be made up. The awarding of an incomplete is at the discretion of the instructor

6. You have until Friday 5pm of the seventh week to **withdraw from a class** without a grade penalty. If dropping this class puts you below 12 credits and you are on financial aid, you may lose your financial aid. If you fail to drop by Friday 5pm of the seventh week, and you do not fall into 5 or 6 from above, you will receive a letter grade for this course.

7. Students are expected to **follow all school policies** and be courteous and respectful to the students around them.

**Administrative Details:**

Board Policy P1015: Non-discrimination, Non-harassment Policy

LBCC prohibits unlawful discrimination based on race, color, religion, ethnicity, use of native language, national origin, sex, sexual orientation, marital status, disability, veteran status, age, or any other status protected under applicable federal, state, or local laws. (For further information<http://po.linnbenton.edu/BPsandARs/> )

LBCC Disability Services: Students who use accommodations in a regular classroom should contact their Instructors as soon as possible. If you have never had support from the LBCC Center for Accessibility Resources office, you can send an email or call 541.917.4789. Accommodations for online courses may be different than those for traditional classrooms. It is important that you contact LBCC Center for Accessibility Resources as soon as possible to discuss solutions and options.

Administrative Rule 7030-02: Academic Dishonesty in Work

Students at LBCC are responsible for pursuing their studies with honesty and fairness, and in a manner that respects the rights and dignity of others. Students must not engage in acts of dishonesty or cheating. Academic dishonesty includes, but is not limited to, such acts as forgery, changing or misuse of college documents and records of identification, cheating, plagiarism, aiding or abetting cheating or plagiarism,

knowingly furnishing false information to the college or copying college software. An instructor has the right to issue a grade of “F” for the assignment or course in which the instructor has reason to believe the student has violated the Academic Integrity policy.

**ASSIGNMENT SUBMISSION SCHEDULE-See Moodle for Due Dates**

**DUE DATE ASSIGNMENT**

Week 1 Course Introduction – Syllabus review

Word Practice Problem #1: Flyer

 Online Assignment #1: Discussion Board

Week 2 Email Etiquette

 Practice Problem #2: Professional Email Assignment

Online Assignment #2

Micro-Irrigation

Week 3 Cover Letters – Student Services Presentation

Word Practice Problem #3: Professional Letter: Cover Letter AND Track Changes in Microsoft Word

Drones in Agriculture

Week 4 Excel

 Practice Problem #4

 Online Assignment #4

 Robotics in the Dairy Industry

Week 5 Technology and Research

 Practice Problem #5: Lamb Performance Record

 Online Assignment #5: Enterprise Budget

Week 6 Advanced Excel – Equations and Macros

 Practice Problem #6 – Equations

 Alternative Energy in Agriculture

Week 7 PowerPoint Slide/Prezi

 Practice Problem #7 - Prezis

 Genetically Modified Crops and Organisms

Week 8 Begin Website Design

 GPS Farming

Week 9 Website Construction and Design

Practice Problem #7 – Website comparisons

 Online Assignment #7 – Website Design

Week 10 Website Construction

***Final Exam - Week 11***