

CORE CURRICULUM COMPONENT APPLICATION

CORE COMPONENT AREA	Component Area Option
COURSE TYPE	Existing Core
DEPARTMENT	Agriculture
COURSE RUBRIC & NUMBER	AGRI 1309
COURSE NAME	Computers in Agriculture
CATALOG DESCRIPTION	An introductory course in the application of microcomputers in the agriculture environment. Students will be encouraged to develop a management system in some aspect of the care of horses, cattle or other animals associated with the program (ICOs 1,2,3,4,5)
NUMBER OF SECTIONS OFFERED/FALL	
NUMBER OF SECTIONS OFFERED/SPRING	1
EXTIMATED ANNUAL ENROLLMENT	10
COURSE LEVEL	Freshman
CONTACT PERSON (dept. representative)	R. Mikel Lemons DM
EMAIL ADDRESS	mlemons@odessa.edu
PHONE	432-335-6335
DEPARTMENT APPROVAL STATUS	Pending - Date Click here to enter a date.
CORE COMMITTEE COMMENTS <small>(REQUEST FOR ADDITIONAL INFORMATION)</small>	
CORE COMMITTEE APPROVAL STATUS	Select One - Date Click here to enter a date.

Best practices and accreditation guidelines generally place the faculty in a position of responsibility for curricular decisions.

CORE CURRICULUM COMPONENT APPLICATION

Indicate below how each learning objective will be supported, what strategies or activities will be used to introduce each objective and how student learning will be assessed.

***NOTE: Component Area Option –**

- A. A minimum of 3 SCH must meet the definition and corresponding Core Objectives specified in one of the foundational component areas
- B. As an option for up to 3 semester credit hours of the Component Area Option, an institution may select course(s) that:
 - i. Meet(s) the definition specified for one or more of the foundational component areas; and
 - ii. Include(s) a minimum of three Core Objectives, including Critical Thinking Skills, Communication Skills, and one of the remaining Core Objectives of the institution's choice.

#	THECB CORE OBJECTIVE "ICO"	PROGRAM GOALS/OUTCOMES	COURSE LEARNING OUTCOMES	KEY IDENTIFIERS	LEARNING EXPERIENCE	ASSESSMENT
1	<p>Critical Thinking Skills - to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information.</p> <p><i>Must be addressed in all core curriculum courses</i></p>	For students to learn to use computer programs in agriculture and to develop an internet research project	For students to learn to use computer programs used in the agriculture field and to develop an internet research project	completing projects using computer programs and developing and writing a research paper	Using different computer programs in the field of agriculture and researching online	This core objective will be assessed by an interdepartmental assessment committee using the Critical Thinking rubric
2	<p>Communication Skills - to include effective development, interpretation and expression of ideas through written, oral and visual communication.</p> <p><i>Must be addressed in all core</i></p>	For students to learn to write what they have learned from their internet research project	For students to write what they have learned from their internet investigation	Completing and properly documenting a research paper	writing and properly documenting a research paper	This core objective will be assessed by an interdepartmental assessment committee using the Communication rubric

	<i>curriculum courses</i>					
3	<p>Empirical and Quantitative Skills - to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions</p> <p><i>Must be addressed in all Mathematic, Life and Physical Sciences, AND Social & Behavioral Sciences component area core curriculum courses. Optional for all other component areas.</i></p>					
4	<p>Teamwork - to include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal.</p> <p><i>Must be addressed in all Communication, Life & Physical Sciences, and Creative Arts component area core curriculum courses. Optional for all other component areas.</i></p>					
5	<p>Social Responsibility: to include intercultural competence, knowledge</p>					

	<p>of civic responsibility, and the ability to engage effectively in regional, national, and global communities</p> <p><i>Must be addressed in all Language, Philosophy & Culture, Creative Arts, American History and Government/Political Science, and Social & Behavioral Sciences component area core curriculum courses. Optional for all other component areas.</i></p>					
6	<p>Personal Responsibility - to include the ability to connect choices, actions and consequences to ethical decision-making.</p> <p><i>Must be addressed in all Communication, Language, Philosophy & Culture, American History and Government/Political Science component area core curriculum courses. Optional for all other component areas.</i></p>	<p>For students to be able to make decisions about what to research and where to find legitimate information</p>	<p>For students to be able to make decisions about their specific research topic and where to find good research information</p>	<p>Students will document their research information from papers written about other similar research projects</p>	<p>Students will collect, write and properly document their research findings then conclude their learning experience</p>	<p>This core objective will be assessed by an interdepartmental assessment committee using the Personal Responsibility rubric</p>
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Critical Thinking Skills

To include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information.

Must be addressed in all core courses

Communication Skills

To include effective development, interpretation and expression of ideas through written, oral and visual communication.

Must be addressed in all core courses

Empirical and Quantitative Skills

To include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions.

Must be addressed in all core courses that satisfy the following requirements:

- Mathematics
- Life and Physical Sciences
- Social and Behavioral Sciences
- Some Component Area Options

Teamwork

To include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal.

Must be addressed in all core courses that satisfy the following requirements:

- Communication
- Life and Physical Sciences
- Creative Arts
- Some Component Area Options

Social Responsibility

To include intercultural competence, knowledge of civic responsibility, and the ability to engage effectively in regional, national and global communities.

Must be addressed in all core courses that satisfy the following requirements:

- Language, Philosophy and Culture
- Creative Arts
- American History
- Government/Political Science
- Social and Behavioral Sciences
- Some Component Area Options

Personal Responsibility

To include the ability to connect choices, actions and consequences to ethical decision-making.

Must be addressed in all core courses that satisfy the following requirements:

- Communication
- Language, Philosophy and Culture
- American History
- Government/Political Science
- Some Component Area Options