

APPLICATION FOR NEW COURSE

1. Submitted by College of Agriculture Date 08/25/2003

Department/Division offering course Community and Leadership Development

2. Proposed designation and Bulletin description of this course

a. Prefix and Number AED 435 b. Title* Design Curr & Inst in Agriculture

*NOTE: If the title is longer than 24 characters (including spaces), write
A sensible title (not exceeding 24 characters) for use on transcripts

c. Lecture/Discussion hours per week 3 d. Laboratory hours per week 0

e. Studio hours per week 0 f. Credits 3

g. Course description

Instructional methodology course focused on analyzing the principles
of learning and teaching and designing curriculum and instruction for

h. Prerequisites (if any)

(Course description continued): teaching subjects in formal and
informal settings.

i. May be repeated to a maximum of n/a (if applicable)

4. To be cross-listed as

HEE 435
Prefix and Number

Heather J. Wilbreth
Signature, Chairman, cross-listing department

5. Effective Date Spring 2004 (semester and year)

6. Course to be offered Fall Spring Summer

Will the course be offered each year? Yes No
(Explain if not annually)

8. Why is this course needed?

To further prepare students to teach subjects either in a formal or
informal settings.

9. a. By whom will the course be taught? Robin L. Peiter, Ph.D.

b. Are facilities for teaching the course now available? Yes No
If not, what plans have been made for providing them?

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STUDENT SERVICES
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APPLICATION FOR NEW COURSE

10. What enrollment may be reasonably anticipated? 30

11. Will this course serve students in the Department primarily? Yes No

Will it be of service to a significant number of students outside the Department?
If so, explain. Yes No

Could be useful to other ag majors to prepare them to work with and
educate people in informal settings.

Will the course serve as a University Studies Program course? Yes No

If yes, under what Area? _____

12. Check the category most applicable to this course

traditional; offered in corresponding departments elsewhere;

relatively new, now being widely established

not yet to be found in many (or any) other universities

13. Is this course applicable to the requirements for at least one degree or certificate at the University of Kentucky? Yes No

14. Is this course part of a proposed new program:
If yes, which? Yes No

15. Will adding this course change the degree requirements in one or more programs?*

If yes, explain the change(s) below Yes No

16. Attach a list of the major teaching objectives of the proposed course and outline and/or reference list to be used.

17. If the course is a 100-200 level course, please submit evidence (e.g., correspondence) that the Community College System has been consulted.

18. Within the Department, who should be contacted for further information about the proposed course?

Name Robin L. Peiter Phone Extension 257-7287

*NOTE: Approval of this course will constitute approval of the program change unless other program modifications are proposed.

Print Form

Clear Form

APPLICATION FOR NEW COURSE

Signatures of Approval:

Yong V. Horn

Department Chair

8/25/03

Date

Lays R. Mather

Dean of the College

2/20/04

Date

Reeta Hugg

*Undergraduate Council

Date of Notice to the Faculty

3/2/04

Date

*University Studies

Date

*Graduate Council

Date

*Academic Council for the Medical Center

Date

*Senate Council (Chair)

Date of Notice to University Senate

*If applicable, as provided by the Rules of the University Senate

ACTION OTHER THAN APPROVAL



University Of Kentucky

Department of Community and Leadership Development
Agricultural Education Program

**GEN 300 (future as AED 435)
Designing Curriculum and Instruction in Agriculture
New Course Proposal: Spring 2004**

Instructor: Robin L. Peiter
Assistant Professor of Agricultural Education
Department of Community and Leadership Development

Office: 419 Barnhart Building
Phone: 257-7287 (office) • 254-3866 (home)
E-mail: rpeiter@uky.edu

Time and Location: Tuesday/Thursday 3:30 – 4:45 PM; N-10

Course Description: Instructional methodology course focused on analyzing the principles of learning and teaching and designing curriculum and instruction for teaching agriculture subjects in formal and informal settings.

Course Objectives:

Through assignments, projects, examinations, and clinical teaching experiences students will demonstrate the following:

1. Apply learning theories to instruction and the design of curriculum for formal and informal educational programs in agriculture.
2. Utilize an Instructional Management System in designing curriculum for educational programs in agriculture.
3. Select subject matter content and develop a course of study for an educational program.
4. Develop competency/outcome lists for educational programs.
5. Utilize educational principles and organizational strategies to design, organize, and align curriculum.
6. Organize components of a course of study into an instructional system.
7. Design methods of assessing instructor and learner performance.

Required Course Materials:

- Instructional Planning Templates and curriculum planning documents available in Microsoft Word files: <http://www.uky.edu/>
- Peiter, R. (2003). *Materials For The New Agricultural Education Professional*.

TEACHING CALENDAR – COURSE SCHEDULE*

| Week | Date | Topic |
|----------------|------|---|
| 1 | 1/17 | Course Overview – Objectives, assignments, projects, evaluation |
| 2 | 1/22 | Defining the Role of the Professional Educator |
| | 1/24 | Examining Effective Instructional Characteristics |
| 3 | 1/29 | Analyzing the Principles of Teaching and Learning |
| | 1/31 | Analyzing the Principles of Teaching and Learning |
| 4 | 2/05 | <i>Activity: Clinical Teaching Experience</i> |
| | 2/07 | <i>Activity: Clinical Teaching Experience</i> |
| 5 | 2/12 | Identifying Factors that Influence Curriculum |
| | 2/14 | Time for Instructional Performance Analysis Paper |
| 6 | 2/19 | Using an Instructional Management System (IMS) |
| | 2/21 | Writing Mission, Goals, and Objectives for Educational Programs |
| 7 | 2/26 | Designing Educational/Training Needs Assessments |
| | 2/28 | Developing Survey Questionnaires |
| 8 | 3/05 | Conducting Follow-up Surveys; Using Mail Surveys to Collect Data |
| | 3/07 | Using Advisory Councils in Curricular Decisions |
| 9 | 3/12 | Determining Course/Workshop Content (Competency Development) |
| | 3/14 | Developing Teaching Calendars; Scheduling/Sequencing Workshops Developing Workshop Agendas |
| March 17-22 | | SPRING BREAK 2004 |
| 10 | 3/26 | Developing Demonstration Plans & Teaching with Demonstrations |
| | 3/28 | <i>Activity: Develop a Demonstration Plan</i> |
| 11 | 4/02 | Developing Instructional Plans – Writing Objectives |
| | 4/04 | Developing Instructional Plans – Instructor Directions & Content |
| 12 | 4/09 | Creating Interest – What Motivates People? |
| | 4/11 | Measuring & Evaluating Learning in the Cognitive Domain |
| 13 | 4/16 | Measuring & Evaluating Learning in the Cognitive Domain |
| | 4/18 | NO CLASS – UK FFA Field Day |
| 14 | 4/23 | Designing Skill & Performance Assessments |
| | 4/25 | Designing Instructor/Workshop Evaluations |
| 15 | 4/30 | <i>Activity: Clinical Teaching Experience - Creating Interest & Introducing the Topic</i> |
| | 5/02 | <i>Activity: Clinical Teaching Experience - Creating Interest & Introducing the Topic</i> |
| 16 | | Final Exam |

**This schedule may be modified as needed throughout the semester*

Professionalism Statement: Professionals in the agriculture, food and natural resource industry are guided by specific values and characteristics. Professional characteristics on which you will be judged in this course include punctuality, attendance, collegial attitude and participation. Because this course relies extensively on discussion and other class interactions, attendance is crucial to your success and that of your classmates. If you are ill or an emergency occurs, contact the instructors prior to the scheduled class time; otherwise, your attendance and participation are firm expectations.

Course Evaluation:

The course grade will be based on total points earned for the following:

| Assignment | Points Possible | Points Earned |
|--|-----------------|---------------|
| Attendance | 25 | |
| Quizzes, In-Class Activities, Participation | 100 | |
| Clinical Teaching Experience: <i>Application of Effective Instructional Characteristics</i> | 50 | |
| Instructional Performance Analysis Paper | 100 | |
| Educational/Training Program Plan OR Course of Study | 150 | |
| Instructional Plan | 150 | |
| Demonstration Plan | 100 | |
| Assessment Instruments – Select two of the following: 1. Cognitive Assessment 2. Performance (Skill) Assessment 3. Instructor/Workshop Evaluation | 150 | |
| Clinical Teaching Experience: <i>Creating Interest and Introducing the Topic</i> | 75 | |
| Final Examination | 100 | |
| TOTAL | 1000 | |

- Grades will be reduced 10% for each day an assignment/project is submitted past the due date without prior approval from the instructor. Due dates will be announced at least one week in advance.
- Specifics of each assignment/project and the evaluation criteria will be provided at the appropriate time to complete the assignment.

Scale:

| Range | Grade |
|---------------|-------|
| 100 – 90% | A |
| 89 – 80% | B |
| 79 – 70% | C |
| 69 – 60% | D |
| Less than 60% | E |