<div align="center">**MEMORANDUM**</div>

February 25, 2004

TO: Academic Deans Council

FROM: Dr. Keith L. Belli
             UCCC Chair

RE: Change Notice 4

Listed below are curriculum change proposals which have been recommended by the University Committee on Courses and Curricula.   Under current procedure, members of the Academic Deans Council may question the approval of these proposals at any time prior to *5:00 p.m.* on March 8, 2004 by contacting the Committee's office (5-0831), or the office of the Vice President for Academic Affairs (5-3742). If no questions have been raised, the proposals will be considered to have been approved automatically.

ARTS AND SCIENCES

ADD SO 8243	**Spatial Analysis of Social Data.** (3). (Prerequisite: SO 8284 or equivalent, or consent of instructor). Three hours lecture. Spatial theories of society; relevant digital databases; procedures for visualizing data; exploratory spatial data analysis; local and global spatial regression models. **METHOD OF INSTRUCTION**: C **C.I.P. NUMBER**: 45.11.01 **24-CHARACTER ABBREVIATION**: Spatial Anal. Soc. Data **Effective: Spring 2004**

ADD	ST 4313/6313	**Introduction to Spatial Statistics.** (3). (Prerequisite: Grade of "C" or better is ST 3113, or equivalent). Two hours lecture. Two hours laboratory. Spatial data analysis: kriging, block kriging, cokriging; variogram models; median polish and universal kriging for mean-nonstationary data; spatial autoregressive models; estimation and testing; spatial sampling **METHOD OF INSTRUCTION**: C **C.I.P. NUMBER**: 27.0501 **24-CHARACTER ABBREVIATION**: Intro to Spatial Stats. **Effective: Spring 2004**

BUSINESS AND INDUSTRY

ADD	EC 8313	**Regional Economic Analysis.** (3) (Prerequisites: EC 4313/6313 and EC 8133 or equivalent or consent of instructor). Three hours lecture. Theories and tools. Includes economic base, recursive and simultaneous equation econometric models, input-output analysis, and mixed models **METHOD OF INSTRUCTION**: C **C.I.P. NUMBER**: 45.0601 **24-CHARACTER ABBREVIATION**: Regional Ec. Anal. **Effective: Spring 2004**

EDUCATION

MODIFY		
FROM	EDE 8463	**Readings & Research in Children's Literature.** (3) Three hours lecture. Semi-independent study in literature for children and youth, characteristics, good literature for children, illustrators, illustrations, and place of children's literature in the school.
TO	EDE 8463	**Readings & Research in Children's Literature.** (3) Three hours lecture. Research involving the characteristics of quality literature for children, investigation of illustrators, illustrations, authors, and the role of children's literature in schools. **Effective: Spring 2004**
ADD	EDE 8623	**Content Area Literacy Instruction.** (3) Three hours lecture. Theory, research, and methods for teaching elementary school students to use literacy as a tool for learning. **METHOD OF INSTRUCTION**: C **C.I.P. NUMBER**: 13.202 **24-CHARACTER ABBREVIATION**: Content Area Literacy **Effective: Spring 2004**
ADD	EDE 8633	**Teaching Writing K-8.** (3) Two hours lecture. Two hours laboratory. Methods and materials for teaching writing in the elementary and middle school. Formal and informal writing assessments. Writing across the curriculum. **METHOD OF INSTRUCTION**: B **C.I.P. NUMBER**: 13.0203 **24-CHARACTER ABBREVIATION**: Teaching Writing K **Effective: Summer 2004**

ADD	EDS 8243	**Advance Planning and Managing of Learning.** (3) Three hours lecture. An advanced study of variables contributing to efficiency and competency in planning for teacher-learner activities and the creation and maintenance of positive learning environments. **METHOD OF INSTRUCTION**: C **C.I.P. NUMBER**: 13.0203 **24-CHARACTER ABBREVIATION**: Adv. Plan Manage Learning **Effective: Spring 2004**
MODIFY FROM	RDG 4113/6113	**Teaching Reading in Middle School.** (3) Theory and applied methods, techniques, and analysis of reading strategies for the adolescent learner (ages 10-15) in the middle school.
TO	RDG 4113/6113	**Middle Level Literacy Development and Instruction.** (3) (Prerequisite RDG 3113) Three hours lecture. Advanced Theory and applied methods, techniques, and analyses of literacy strategies for the middle years learner (ages 9-14). **Effective: Spring 2004**
ADD	RDG 8523	**Reading Comprehension Process and Instruction.** (3) Three hours lecture. Understanding the reading comprehension process. Research-based methods for teaching comprehension. Field-based application. **METHOD OF INSTRUCTION**: C **C.I.P. NUMBER**: 13.1315 **24-CHARACTER ABBREVIATION**: Reading Comprehension **Effective: Spring 2004**

MODIFY FROM	RDG 8713	**Practicum: Remedial Reading.** (3) Three hours lecture. Methods of identifying and diagnosing deficiencies in children's reading skills; remedial measures, improvement and evaluation.
TO	RDG 8713	**Teaching Struggling Readers and Writers.** (3) Two hours lecture. Two hours laboratory. Practicum experience teaching struggling elementary school literacy learners; identifying literacy learning strengths and difficulties; teaching to improve achievement. **Effective: Spring 2004**
ADD	TKT 4314/6314	**Content and Methods of Teaching Technical Discovery.** (4) Three hours lecture. Two hours laboratory. The course explores concepts, methods, and techniques for managing and organizing materials appropriate for teaching Technology Discovery. **METHOD OF INSTRUCTION**: B **C.I.P. NUMBER**: 13.1309 **24-CHARACTER ABBREVIATION**: Methods of Tech Disc **Effective: Summer 2004**
ADD	TKT 4323/6323	**Content and Methods of Teaching Computer Discovery.** (3) Three hours lecture. A study of the objectives, the instructional materials and methods appropriate for teaching Computer Discover. **METHOD OF INSTRUCTION**: C **C.I.P. NUMBER**: 13.1309 **24-CHARACTER ABBREVIATION**: Methods of Comp Disc **Effective: Summer 2004**

ADD	TKT 4333/6333	**Content and Methods of Teaching Career Discovery.** (3) Three hours lecture. A study of the objectives, the instructional materials and methods appropriate for teaching Career Discover. **METHOD OF INSTRUCTION**: C **C.I.P. NUMBER**:13.1309 **24-CHARACTER ABBREVIATION**: Methods of Career Disc **Effective: Summer 2004**
MODIFY FROM	TKT 4733/6733	**Technology Lab Management.** (3) Three hours lecture. Physical, mechanical and electronic consideration for effective management of technology-based laboratories.
TO	TKT 4733/6733	**Managing a Multimedia Learning Environment.** (3) Three hours lecture. The course examines the process of designing, managing and maintaining a multimedia learning environment. **Effective: Summer 2004**
MODIFY FROM	TKT 4753/6753	**Electronic Presentation**. (3) Three hours lecture. The study of using various electronic technologies in the development of visual electronic presentation.
TO	TKT 4753/6753	**Teaching and Presenting with Multimedia.** (3) (Prerequisite: TKT 4743/6743 or consent of instructor). Three hours lecture. The course deals with the process of using multimedia applications to present instruction and information. **Effective: Summer 2004**

MODIFY FROM	TKT 8233	**Occupational Survey, Placement and Follow-up.** (3) Three hours lecture. Problems, methods and procedures involved in planning ands conducing occupational surveys and in the placement and follow-up
TO	TKT 8233	**Career Planning and Occupational Decision-making.** (3) Three hours lecture. The course examines workforce education, analyzes market trends and considers strategies for gathering occupational data for decision-making. **Effective: Summer 2004**
ADD	TKT 8243	**Research Problems in Instructional Systems & Workforce Development.** (3) Three hours lecture. The course explores issues and problems that impact instructional systems and workforce development and assesses the use of research findings for instructional decision making. **METHOD OF INSTRUCTION**: C **C.I.P. NUMBER**: 13.1309 **24-CHARACTER ABBREVIATION**: Resch Probl in ISWD **Effective: Summer 2004**
MODIFY FROM	TKT 8773	**Production of Technology Aided Instruction.** (3) Three hours lecture. Application of the electronic curriculum (computer and media) to the development of audion and visual aids for industry and education.
TO	TKT 8773	**Teaching and Training with Multimedia.** (3) Three hours lecture. The process of developing instructional and training materials including adapting existing materials to fit specific objectives and methods in a multimedia learning environment. **Effective: Summer 2004**

ENGINEERING

MODIFY		
FROM	ABE 4911	**Engineering Seminar.** (1) (Prerequisite: Consent of instructor). One hour lecture. Discussion of current engineering developments and their relation to agriculture and the life sciences.
TO	ABE 4911	**Engineering Seminar.** (1) (Prerequisite: Consent of instructor). One hour lecture. Discussion of current engineering developments, professional developments, ethics and their relation to agriculture and the life sciences. **Effective: Summer 2004**

FOREST RESOURCES

ADD	FO 8313	**Spatial Statistics for Natural Resources** (3) (Prerequisite: ST 4313/6313, and an introductory GIS course, or consent of instructor). Three hours lecture. Concepts and methods of spatial statistics as applied to natural resource monitoring and management. **METHOD OF INSTRUCTION**: C **C.I.P. NUMBER**: 03.0506 **24-CHARACTER ABBREVIATION**: Spatial Stat Nat Res **Effective: Spring 2004**

OFFICE OF THE PROVOST

MODIFY		
FROM	ESL 5130	**English for Academic Purposes.** (V) (Prerequisites: ESL 5120 or TOEFL score above 525). Credit to be arranged. An English language course designed to prepare second language speakers for university level course work. Does not count toward any degree.
TO	ESL 5313	**Classroom Communication and Presentation.** (3) (Prerequisites: ESL 5120 or TOEFL score above 525). Three hours lecture. An English language course designed to prepare second language speakers for university-level course work. This course is designed to improve students' communication in classroom settings (Does not count toward any degree). **Effective: Summer 2004**
ADD	ESL5323	**Academic Research and Writing.** (3) (Prerequisites: ESL 5120 or TOEFL score above 500). An English language course designed to prepare second language speakers for university-level course work. This course is designed to improve students' research and writing skills (Does not count toward any degree). **METHOD OF INSTRUCTION**: C **C.I.P. NUMBER**: 13.1401 **24-CHARACTER ABBREVIATION**: Academic Research and Writing. **Effective: Summer 2004**

ADD	ESL 5333	**Critical Reading.** (3) (Prerequisites: ESL 5120 or TOEFL score above 500). Three hours lecture. An English language course designed to prepare second language speakers for university-level course work. This course is designed to improve students' authentic reading and comprehension skills (Does not count toward any degree). **METHOD OF INSTRUCTION**: C **C.I.P. NUMBER**: 13.1401 **24-CHARACTER ABBREVIATION**: Critical Reading **Effective: Summer 2004**

DEGREE PROGRAMS

MODIFY	College of Arts and Sciences, B.S.: Mathematics with Teaching Certification	Curriculum Modification **Spring 2004**
MODIFY	College of Arts & Sciences, M.F.A.: Electronic Visualization	Add Graphic Design track to program **Spring 2004**

All of the proposals were approved with the exception of the following:

Proposals**

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Dr. Jerome A. Gilbert   Date
Associate Vice President for Academic Affairs

**Please include copies of letters accompanying proposals that are returned to departments.