To: Senate Executive Committee  
From: Richard Turton, Chair, Senate Curriculum Committee  
Date: April 23, 2001  
Re: New Courses and Course Changes

Eberly College of Arts and Sciences

Psychology

New Courses:

PSYC 401. Psychology Capstone Experience. 1-Hr. PR: PSYC 1, PSYC 19, STAT 101; Seniors only. Experience in coursework, research, or service that integrates knowledge gained as a major in psychology. To be taken concurrently with capstone experience, details of which are to be determined in consultation with advisor. (Date Effective - Fall, 2001) (CIP - 420101) (Lec 1-hr/Lab 0-hr/Other 1-hr/Contact 1-hr)

Rationale: To implement recommendation of Commission on Academic Standards and Expectations to establish a capstone experience for senior undergraduates.

English

Course Change:

From:

ENGL 259. Fiction for Adolescents. I, II. 3-Hr. Designed for prospective teachers of English and language arts. Course focuses on recent fiction for adolescents as well as on traditional literature appropriate to the needs, interests, and abilities of youth.

To:

ENGL 259/405. Fiction for Adolescents. I, II. 3-Hr. A survey of fiction for adolescents with special attention to literary theories that assist its interpretation. (Date Effective - Fall, 2001) (CIP - 230101) (Lec 3-hr/Lab 0-hr/Other 0-hr/Contact 3-hr)

Rationale: All former 200-level courses were renumbered at the 300- or 400- level. Renumbering old 294 as 259 was an oversight. We request the number be changed to 405 to suit its junior-senior course content and so that C&I majors may take it for graduate credit. (The WVU-Parkersburg course on children's literature was renumbered from 229 to Library Science 403.) Since old ENGL 294 was listed as a "W" course, we request that it retain that designation.
Human Resources and Education

Special Education

New Courses:

SPED 363. Characteristics LD/BD. 3-Hr. Historical trends in education of students with learning disabilities and behavior disorders. Educational and management techniques for the future. (Date Effective - Fall, 2001) (CIP - 130001) (Lec 3-hr/Lab 0-hr/Other 0-hr/Contact 3-hr)

Rationale: Requesting a new specialization area (Multi-categorical Special Education) for the New Five-Year Teacher Education Program. Students are required to have specific coursework in categorical area such as Behavior Disorders, Mental Impairments, and Specific Learning Disabilities. A new course is necessary for students to acquire the knowledge and skills required for multi-categorical certification.

SPED 364. Educating Students Learn Prob. 3-Hr. Curriculum planning, informal diagnosis techniques, teaching strategies, and opportunities to use strategies in student designed programs. (Date Effective - Fall, 2001) (CIP - 130001) (Lec 3-hr/Lab 0-hr/Other 0-hr/Contact 3-hr)

Rationale: Requesting a new specialization area (Multi-categorical Special Education) for the New Five-Year Teacher Education Program. Students are required to have specific coursework in categorical area such as Behavior Disorders, Mental Impairments, and Specific Learning Disabilities. A new course is necessary for students to acquire the knowledge and skills required for multi-categorical certification.

SPED 663. Collab-Consult Inclusion Strat. 3-Hr. Strategies for building and maintaining effective collaborative teams for the inclusive environment. Communication, decision making, group dynamics, and conflict resolution will be discussed. (Date Effective - Fall, 2001) (CIP - 130001) (Lec 3-hr/Lab 0-hr/Other 0-hr/Contact 3-hr)

Rationale: Requesting a new specialization area (Multi-categorical Special Education) for the New Five-Year Teacher Education Program. Students are required to have specific coursework in categorical area such as Behavior Disorders, Mental Impairments, and Specific Learning Disabilities. A new course is necessary for students to acquire the knowledge and skills required for multi-categorical certification.

Physical Education

New Courses:

PE 198/148. Beginning Jujitsu. 1-Hr. Introduces students to a powerful self-defense technique originally developed in Japan, a precursor to judo and Aikido. (Date Effective - Spring, 2001) (CIP - 131314) (Lec 1-hr/Lab 1-hr/Other 0-hr/Contact 2-hr)

Rationale: Course has been offered successfully for several semesters.
PE 198/151. Advanced Tae Kwon Do. 1-Hr. PR: 149. This course builds on the techniques learned in PE 149, Beginning Tae Kwon Do and introduces additional skills into practice and free sparring. (Date Effective - Spring, 2001) (CIP - 131314) (Lec 1-hr/Lab 1-hr/Other 0-hr/Contact 2-hr)

Rationale: The course has been successfully offered in previous semesters.

PE 198/152. Beginning Kickboxing. 1-Hr. An introduction to the popular martial art and competitive sport of kickboxing. Emphasis is given to building flexibility and strength, the foundations of powerful kicking and punching techniques. (Date Effective - Spring, 2001) (CIP - 131314) (Lec 1-hr/Lab 1-hr/Other 0-hr/Contact 2-hr)

Rationale: This course has been offered successfully for several semesters.

PE 198/153. Yoga for Fitness. 1-Hr. The course introduces the student to basic yoga techniques that can be practiced as a way of developing fitness for a wide variety of sports. (Date Effective - Spring, 2001) (CIP - 131314) (Lec 1-hr/Lab 1-hr/Other 0-hr/Contact 2-hr)

Rationale: This course has been offered successfully in past semesters.

PE 191/187. Golf. 1-Hr. The course is designed to introduce students to the rules, skills, and strategies involved in golf. (Date Effective - Spring, 2002) (CIP - 131314) (Lec .50-hr/Lab 1.50-hr/Other 0-hr/Contact 2-hr)

Rationale: This course has been offered successfully as a PE 191 course.

PE 198/450. Teaching Leisure Pursuits. 1-Hr. An in-depth discussion of the Lifetime Leisure Pursuits Curricular model as it pertains to teaching middle/high school physical education. (Date Effective - Spring, 2001) (CIP - 131314) (Lec 1-hr/Lab 1-hr/Other 1-hr/Contact 3-hr)

Rationale: This course has been offered successfully in past semesters.

**Sport Studies**

**New Course:**

SS 198/383. Exercise Psychology. 3-Hr. Introduction to motivational and mental health factors associated with exercise participation. (Date Effective - Spring, 2002) (CIP - 310501 (Lec 3-hr/Lab 0-hr/Other 0-hr/Contact 3-hr)

Rationale: Course has been taught for five years as Sports Studies 198 - Special Topics. Course is requirement for sport behavior undergraduate major. Course exposes students to rapidly growing discipline of Exercise Psychology, which is a division of American Psychological Association.
Physical Education Training

New Courses:

PET 198/352. Teaching Elementary Fitness Ed. 3-Hr. Foundations, components of health-related fitness as well as appropriate curriculum for K-12, effective teaching principles, and the assessment of health-related fitness. Students will become eligible for Physical Best Health-Fitness Specialist Certification. (Date Effective - Fall, 2001) (CIP - 131314) (Lec 3-hr/Lab 0-hr/Other 0-hr/Contact 3-hr)

Rationale: This course has been offered repeatedly and should receive a permanent number.

PET 198/451. Secondary Fitness Laboratory. 1-Hr. Scientific principles of strength conditioning and aerobic training. (Date Effective - Spring, 2002) (CIP - 131314) (Lec 0-hr/Lab 1-hr/Other 0-hr/Contact 1-hr)

Rationale: This course has been offered successfully in past semesters.

PET 491/780. Research on Teaching. 3-Hr. The history methods, findings, and educational implications of research on the behavioral and cognitive processes that underlie teaching. (Date Effective - Spring, 2002) (CIP - 131314) (Lec 3-hr/Lab 0-hr/Other 0-hr/Contact 3-hr)

Rationale: Course has been taught successfully as part of the PETE doctoral program.

College of Engineering and Mineral Resources

Chemical Engineering

New Course:

ChE 326. ChE Reaction Phenomena. 3-Hr. PR: CHE 320 and conc., CHE 325. Theory and application of reaction kinetics, analysis of rate data, reaction equilibrium, and catalysis. The application of these phenomena to industrially relevant systems will be emphasized. (Date Effective - Spring, 2002) (CIP - 140701) (Lec 3-hr/Lab 0-hr/Other 0-hr/Contact 3-hr)

Rationale: This new course is proposed based on the revised curriculum being proposed in the Chemical Engineering Department. The course will essentially cover material that is currently taught in a variety of other courses within the Department. This consolidation of material will strengthen the reaction engineering and thermodynamics background that our students receive during their undergraduate studies. The purpose of the course is to improve the students' understanding of the difference between kinetically controlled and equilibrium controlled reaction phenomena. In addition, students will learn how to apply the appropriate techniques to analyze industrially relevant reactions.