

General Curriculum Report #208

UNIVERSITY OF IDAHO - REGISTRAR'S OFFICE

November 19, 1999

To: MEMBERS OF THE RESIDENT FACULTY

The items listed below will be considered to have the necessary faculty approvals unless a petition requesting further consideration of specific items is signed by five faculty members and submitted to the chair of the Faculty Council within 14 calendar days after the date of circulation. If no petition is received within 14 days, the entire report will be submitted to the president for approval and transmittal to the regents, if regents action is required. If a petition is received, the items in the report for which further consideration is requested will be referred to the Faculty Council and the remainder of the report will move forward. On items referred to it, the council may: (1) affirm the action and report it to a meeting of the university faculty, (2) amend the action and report it to a meeting of the university faculty, or (3) rescind the action. NOTE: If a petition concerns courses or curricula in the College of L & S or in the College of Agriculture, and is signed by five faculty members of the respective college, those items will be returned to the college concerned for further consideration.

COLLEGE OF EDUCATION

Change the "Uniform Requirements for Elementary and Secondary Teaching" (1999 General Catalog, page 59) to read [Summer 2000]:

~~C. UNIFORM REQUIREMENTS FOR ELEMENTARY AND SECONDARY TEACHING~~ (31-37 CREDITS) UNIFORM PROFESSIONAL EDUCATION REQUIREMENTS:

- ED 201 Diverse Learners in Schools & Social/Cultural Contexts (3 cr)
- ED 301 Principles of Learning and Development in Education (3 cr)
- ED 302 Curriculum, Instruction, and Assessment Strategies (3 cr)
- ED 312 Educational Psychology (2 cr)
- ED 313 Educational Measurement (1 cr)
- ED 314 Strategies for Teaching (3 cr)
- ED 328 Introduction to Educational Technology (2 cr)
- ED 401 Professional Role Development (3 cr)
- ED 430 or 431 or EDSP 480 Practicum (14 cr)
- ED 445 Proseminar in Teaching (3 cr)
- ED 468 Historical & Philosophical Foundations of Education (3 cr)

NOTE: Secondary education majors must take EDTE 463, Literacy Methods for Content Learning, and the special methods course appropriate to their discipline.

ADULT, COUNSELOR, AND TECHNOLOGY EDUCATION

1. Create a new subject prefix called Adult, Counselor, and Technology Education (ACTE). [Fall 2000]

2. Add ACTE 110 Technology and Society (3 cr). Same as ITED 110. The relationship between technology and social change; previous course work in technology is not essential. [Fall 2000]

3. Add ACTE J351/J551 Principles and Philosophy of Professional-Technical Education (3 cr) (C). ACTE J351/J551 same as PTE J351/J551; ACTE 351 same as AgEd 351. Overview and interpretation of history, aims, and purposes of public education and professional-technical education; issues and programs comprising professional-technical education in Idaho and the U.S. Students who take the course at grad level are reqd to complete additional assignments, papers, and/or presentations. [Fall 2000]

4. Add ACTE J418/J518 Learning Styles (3 cr). Same as AdEd and PTE J418/J518. Identify and provide experience in administration, interpretation, and elements of theoretical bases for contemporary learning styles instruments. Additional projects/assignments reqd for grad cr. [Fall 2000]

5. Add ACTE J426/J526 Instructional Design and Curriculum (3 cr). ACTE 426 same as ITED 426; ACTE J426/J526 same as PTE J426/J526. Instructional design systems and curriculum development as a systematic method of designing, carrying out, and evaluating the total process of teaching and learning; based on research in human learning and communication, employing a combination of human and non-human resources to bring about effective instruction. Additional projects/assignments reqd for grad cr. [Fall 2000]

6. Change the number, title, and description of VoEd 430 to read [Fall 2000]:

~~VoEd~~ ACTE 430 Advisory Committees and Vocational Student Organizations (3 cr) (VoEd 430). Organizing and maintaining effective advisory committees; development of leadership skills; techniques and procedures for establishing a ~~vocational~~ professional-technical student organization.

7. Change the number and description of VoEd 444 to read [Fall 2000]:

~~VoEd~~ ACTE 444 Diverse Populations and Individual Differences (2-3 cr) (VoEd 444). Same as FCS 444. Examines the impact of individual differences on teaching and learning. ~~Prereq or coreq: VoEd 443.~~

8. Change the number and title of VoEd 445, Proseminar in Vocational Education (1 cr, max 2) to ACTE 445, Proseminar in Professional-Technical Education. [Fall 2000]

9. Change the number of VoEd 457, Transitioning to Work (3 cr), to ACTE 457. [Fall 2000]

10. Change the number of VoEd 460, Using Internet-Based Career Information in the Classroom (2-3 cr), to ACTE 460. [Fall 2000]

11. Add ACTE 471 Practicum: Professional-Technical Education Teaching (3-10 cr, max 10). Same as PTE 471. Secondary majors are reqd to enroll for 10 cr. Supervised teaching in approved professional-technical programs at secondary schools or area professional-technical schools. Graded P/F. Prereq: ED 314 or ACTE 426, PTE 472, GPA of 2.50, and perm of dept. (Submit application via director of vocational teacher and adult education to director of clinical experiences in teacher education.) [Fall 2000]
12. Add ACTE 507 The Future of Education and Work (3 cr). Same as PTE 507. Proactive study of the potential futures in education and work; examination of futurist theory and the change process. [Fall 2000]
13. Add ACTE 543 Administration and Supervision of Learning Programs (3 cr). Same as AdEd, ITED, and PTE 543. Advanced study of the administrative and supervision responsibilities needed for learning enterprises and systems; personnel management and accountability in human resources development. [Fall 2000]
14. Add ACTE 555 Program Evaluation for the Training and Learning Enterprise (3 cr). Same as PTE 555. Procedures for establishing the parameters of an evaluation, the role of formative/summative evaluations, evaluation strategies, designing mixed method evaluation and reporting. [Fall 2000]
15. Change the number of VoEd 560, Advanced Theory and Practice of Career Development (3 cr), to ACTE 560. [Fall 2000]
16. Change the number and title of VoEd 566, Classroom Counseling Techniques and Strategies (3 cr), to ACTE 566, Classroom Counseling Strategies. [Fall 2000]
17. Change the number of VoEd 570, Principles and Concepts of Research (3 cr), to ACTE 570. [Fall 2000]
18. Change the number of VoEd 571, Accessing, Organizing, and Synthesizing Data (3 cr), to ACTE 571. [Fall 2000]
19. Add ACTE 581 Theory, Practices, and Challenges of Leadership (3 cr). Same as AdEd and PTE 581. Analysis and study of leadership of the human resource in organizations; theories, styles, and methods of effective leadership developed from past leaders blended with current models of leadership. [Fall 2000]
20. Change the number of VoEd 582, Peer Coaching and Supervision for Educators (2 cr), to ACTE 582. [Fall 2000]

ADULT EDUCATION

1. Change the description of AdEd ID&WS-J428/ID&WS-J528 by splitting it into two courses as follows [Summer 2000]:

AdEd ID&WS428 Program Development in Adult Education (3 cr). WSU AgEd 401. Planning, development, implementation, and evaluation of adult education and training programs in a variety of settings.

AdEd ID&WS528 Program Planning and Development (3 cr). WSU AgEd 501. Program planning and development strategies for learning enterprise workers.

2. Change the title of AdEd J474/J574, Psychology of Adult Learners (3 cr), to The Adult Learner. [Summer 2000]

3. Add AdEd 510 Foundations of Workforce and Human Resource Education (3 cr). Advanced study of the foundations and basis for workforce and human resource education programs. [Summer 2000]

4. Add AdEd 543 Administration and Supervision of Learning Programs (3 cr). See ACTE 543. [Summer 2000]

5. Add AdEd 577 Organizational Development (3 cr). Planned change strategies for human resources in organizations; motivation, training/re-training, assessing, and crafting the corporate culture through educational efforts; assessing the knowledge skill gaps in the human resources. [Summer 2000]

ANTHROPOLOGY

1. Add Anth 421 The World of Polly Bemis (1 cr). The life of Idaho's most famous Chinese woman, Polly Bemis, including a visit to her restored home on the Salmon River, her grave, and other sites associated with her life and times. Additional fee for off-campus class. One 3-day field trip, including lectures. [Summer 2000]

2. Add Anth 423 Chinese Mining on the Lower Salmon River (1 cr). Exploration by river of Chinese miners' rock dwellings, hydraulic workings, man-made reservoirs, and Chinese artifacts on otherwise-inaccessible portions of the Lower Salmon River. Additional fee for off-campus class. One 3-day field trip, including lectures and cultural activities. [Summer 2000]

3. Remove Anth J462/J562 from the dormant list and redisplay it in the General Catalog as follows [Summer 2000]:

Anth J462/J562 Human Issues in International Development (3 cr). Interdisciplinary analysis of complex interaction between tradition and modernity in Third World society, and its attendant human predicament. Additional projects/assignments reqd for grad cr. (Alt/yrs)

BUSINESS EDUCATION

Add BuEd 211 Communication Skills for Workforce Development (2 cr). Development of workplace skills necessary for individuals to be successful in the work environment; projects and activities to enhance skills in accessing information, problem solving, customer/co-worker

relations, leadership, organization, and basic workplace literacy and efficiency; critical thinking and teamwork infused with assignments focusing on quality, continuous improvement, and flexibility. [Summer 2000]

COMMUNICATION

1. Remove ComG 347 from the dormant list and redisplay it in the General Catalog as follows [Summer 2000]:

ComG 347 Persuasion (3 cr). Theory and practice of effective persuasive techniques. Prereq: ComG 101.

2. Change the title and description of Comm 452 to read [Summer 2000]:

Comm 452 Public Relations ~~Management Campaign Design~~ (3 cr). ~~Management case studies of public relations and advertising programs; practice in developing and executing campaigns with emphasis on presentation skills and equipment~~ Examination of public relations programs; practice in developing and executing campaigns with emphasis on problem/issue identification, design of campaign elements, presentation skills and equipment. Prereq: Comm 252.

CRIME AND JUSTICE STUDIES

Add CJ 333 White Collar Crime (3 cr). The costs, causes, and control of crime by and against businesses and other organizations; the relationship between trust and white collar crime; the impact of the media in shaping perceptions of white collar crime. [Summer 2000]

DANCE

1. Add Dan 415 Dance Lab (1-3 cr, max 3). Studio techniques in dance movement skills for the theatre. Prereq: perm. [Summer 2000]

2. Add Dan 490 Senior Project (3 cr). Open-ended projects representing the capstone of the student's work, consistent with the chosen emphasis within the dance degree (e.g., concerts of original work, a major choreographic work, major performance, teaching or research projects). Prereq: senior standing. [Summer 2000]

3. Change the major in dance (B.Dan.) as follows: (a) drop Dan 100, Dance in Society (3 cr), the English literature elective beyond the core (3 cr), and TheA 103, Theatre Technology I (2 cr), and (b) add Dan 490, Senior Project (3 cr), and TheA 320, Theatre Management (2 cr). [Summer 2000]

ENGLISH

1. Add Engl 090 Developmental Writing (0 cr). A basic skills course to prepare students for Engl 101. Graded P (pass)/N (repeat)/F (fail). [Summer 2000]

2. Change the description of Engl 101 by adding "Prereq: Engl 090 or equiv." [Fall 2000]

ENVIRONMENTAL SCIENCE

1. Add EnvS R428 Pollution Prevention (3 cr). Basic concepts of pollution prevention and waste minimization; pollution prevention strategies and case studies for solid waste, hazardous waste, water and energy use, and air pollution. [Summer 2000]

2. Change the number of EnvS R582, Natural Resource Policy and Law (3 cr), to EnvS R-J482/R-J582 and add "Additional projects/assignments reqd for grad cr" to the description. [Summer 2000]

3. Change the major in environmental science (B.S.Env.S.) as follows [Summer 2000]:

Core Requirements:

- Add EnvS 200, Sophomore Seminar (2 cr)
- Delete Geog 100, Physical Geography (4 cr), and Geol 101, Physical Geology (4 cr)
- Add Engl 317, Technical and Engineering Report Writing (3 cr)

Breadth Electives

- Add RRT 383, Amenity Resource Economics for Environmental Policymaking (3 cr), to the Natural Resources Economics and Sociology area
- Add RRT 486, Public Involvement in Natural Resource Management, to the Management area
- Add RRT 489, Personalities and Philosophies in Conservation, to the History, Philosophy, and Political Science area
- Add Biol 203, General Botany, as an alternative to Biol 202 in the Technical area
- Add EnvS 498, Internship (1-3 cr), to the Technical area

Biological Science Option

- Add Geog 100, Physical Geography, or Geol 101, Physical Geology (4 cr) (not both)
- Add the following Plant Protection depth area
 - Ent 322 Economic Entomology or 491 Principles of Insect Pest Management
 - PlSc 338 Weed Control
 - PlSc 405 Plant Pathology
 - Soil 446 Soil Fertility

Physical Science Option

- Add Geog 100, Physical Geography (4 cr), and Geol 101, Physical Geology (4 cr)
- Change the requirement for adviser-approved depth electives to read "~~include all the courses from~~ meet requirements of at least two of the following areas"

- Require students to take at least 4 of the 6 courses in the Water area and list For 462 and Geol 410 as separate courses
- Add Geol 478, Low Temperature Aqueous Geochemistry, and EnvS 404, ST:Water Science, to the Water area
- Require students to take at least 4 of the 5 courses in the Geology area and list Geol 335, Geol 360, Geol 423, and Geop 422 as separate courses
- Require students to take at least 3 of the 4 courses in the Soils area
- Delete the Ecology area

Social Science Option

- Add Geog 100, Physical Geography (4 cr), and Geol 101, Physical Geology (4 cr)
- Add RRT 383, Amenity Resource Economics for Environmental Policymaking, to the Business and Economics area
- Change the name of the Conflict Resolution area to Conflict Resolution/Communication
- Add RRT 394, Natural Resources Communication, and RRT 486, Public Involvement in Natural Resource Management, to the Conflict Resolution/Communication area
- Delete the Philosophy area
- Delete PolS 467, Constitution Law, and PolS 469, The Judicial Process, from the Law area

FOREIGN LANGUAGES AND LITERATURES

1. Change the section on undergraduate curricular requirements in foreign languages and literatures (1999 *General Catalog*, page 111) by adding "A student must receive a C or better in an upper-division course in the appropriate target language to count towards the major." [Summer 2000]

2. Change the section on academic minor requirements in foreign languages and literatures (1999 *General Catalog*, page 112) by adding "A student must receive a C or better for an upper-division course in the appropriate target language to count towards the minor." [Summer 2000]

3. Change the majors in French (B.A.), German (B.A.), Latin (B.A.), and Spanish (B.A.) by indicating that the "second foreign language (elem & interm, or equiv)" is waived for students with a double major (FL&L plus another major). [Summer 2000]

INDUSTRIAL TECHNOLOGY EDUCATION

1. Change the title, credits, and description of ITED 110 to read [Fall 2000]:

ITED 110 ~~Introduction to Technology~~ Technology and Society (2-~~er~~ 3 cr). ~~Intro to modern technology including communication, manufacturing, construction, and transportation. Two lec and 2 hrs of lab a wk. See ACTE 110.~~

2. Change the description of ITED 210 to read [Summer 2000]:

ITED 210 Introduction to Industrial Efficiency (3 cr). ~~Industrial engineering techniques and approaches for supervisors~~ Introduction to techniques used by industrial engineers to optimize operations.

3. Change the title, credits, and description of ITED 253 to read [Summer 2000]:

ITED 253 ~~Advanced Metals Manufacturing Systems Technology (3-er 4 cr). Advanced industrial manufacturing theory, applications, and processes including specialized access of production, design, research, and development of manufactured products~~ The first phase of the class concentrates on industrial system manufacturing processing; the second phase on manufacturing organization and management; both phases address societal, environmental, and labor relations of manufacturing. Three lec and 3 hrs of lab a wk. Prereq: ITED 250 or perm.

4. Change the description of ITED 363 to read [Summer 2000]:

ITED 363 Fire Protection Safety (3 cr). ~~Basic industrial safety practices as applied to fire protection services~~ Basic industrial fire protection techniques; basic fire chemistry; basic fire suppression/sprinkler design.

5. Change the title of ITED 426 from "Analysis, Curriculum, and Evaluation" (3 cr), to Instructional Design and Curriculum." [Fall 2000]

6. Change the description of ITED 430 to read [Summer 2000]:

ITED 430 Systems Safety Analysis (3 cr). Principles of system safety; ~~analytical trees;~~ defining a system; risk and consequences; introduction to hazard and risk analyses; systemic accident investigation.

7. Change the description of ITED 522 to read [Summer 2000]:

ITED 522 Risk Assessment (3 cr). ~~Risk analysis methods relative to safety problems and alterations~~ Analysis techniques used to determine the risk of industrial, process, nuclear, and aviation industries; fault tree analysis; human reliability analysis; failure mode and effect analysis.

8. Change the title of ITED 543, Administration and Supervision in Vocational Education (3 cr), to Administration and Supervision of Learning Programs. [Summer 2000]

9. Change the major in industrial technology (B.S.Tech.) as follows [Summer 2000]:

- Drop Bus 332, Quantitative Methods in Business (3 cr), and ITED 365, Industrial Supervision (3 cr).
- Add ITED 238, Digital Electronics (3 cr), and ITED 475, LAN Technology (4 cr).
- Change the paragraph describing the Technical Special Blocks as follows: "Moscow campus: manufacturing technology, computer electronics and industrial instrumentation technology, computer management technology, industrial generalist technology. Idaho

Falls campus: ~~process technology, materials technology, waste management technology, industrial safety technology, quality technology, mechanical design technology, industrial and computer electronics technology, reactor operations technology, fuels reprocessing operation technology~~ industrial safety technology, quality technology, network and computer electronics, nuclear operations technology, mechanical design technology, generalist, waste management. Coeur d'Alene campus: industrial safety technology."

10. Change the major in technology education (B.S.Ed.) as follows [Summer 2000]:

TECHNOLOGY EDUCATION (B.S.Ed.)

Required course work includes the university requirements (see regulation J-3), the general requirements for students preparing to teach at the secondary level (see College of Education section in part 4), and:

- ITED 110 Technology & Society (3 cr)
- ITED 130 Basic Electronics (4 cr)
- ~~ITED 265 Computer Aided Drafting/Design (2 cr)~~
- ITED 328 Computer Operating Systems for Technology (4 cr)
- ITED 360 Communication Technology Systems (4 cr)
- ITED 380 Computer Numerical Control Manufacturing (4 cr)
- ITED 415 Microcomputer Applications (3 cr)
- ITED 426 Analysis, Curriculum, & Evaluation (3 cr)
- ITED 429 Student Organizations (1 cr)
- ITED 450 Industrial Safety (3 cr)
- ITED 472 Industrial Technology Teaching Methods (3 cr)
- ACTE 444 Diverse Populations & Individual Differences (2 cr)
- ACTE 445 Proseminar in Professional-Technical Education (2 cr)
- ACTE 457 Transitioning to Work (3 cr)
- ACTE 460 Using Internet-Based Career Information in the Classroom (2-3 cr)
- ACTE 471 Practicum: Professional-Technical Education Teaching (10 cr)
- Engr 105 Engineering Graphics (2 cr)
- Math 143 Pre-calculus Algebra & Analytic Geometry (3 cr)
- PTE 351 Principles & Philosophy of Professional-Technical Education (3 cr)
- ~~Students planning to teach must take the following courses:~~
 - ~~ED 201 Diverse Learners in Schools & Social/Cultural Contexts (3 cr)~~
 - ~~ED 312 Educational Psychology (2 cr)~~
 - ~~ED 314 Strategies for Teaching (3 cr)~~
 - ~~EDTE 463 Literacy Methods for Content Learning (3 cr)~~
 - ~~VoEd 351 Principles & Philosophy of Vocational Ed (3 cr)~~
 - ~~VoEd 444 Diverse Populations & Individual Differences (2 cr)~~
 - ~~VoEd 445 Proseminar in Vocational Education (2 cr)~~
 - ~~VoEd 464 Career Guidance (2 cr)~~
 - ~~VoEd 471 Practicum: Vocational Education Teaching (10 cr)~~
- Students planning to earn an Idaho Standard Teacher Certificate in Technology Education take the following courses:

- ITED 120 Principles of Technology (4 cr)
- ITED 218 Power, Energy, & Transportation Technology Systems (4 cr)
- ~~ITED 250 Manufacturing Technology Systems (4 cr)~~
- ITED 253 Advanced Manufacturing Systems Technology(4 cr)
- ITED 280 Construction Technology Systems (4 cr)
- ~~ITED 450 Industrial Safety (3 cr)~~
- ~~ASM 107 Beginning Welding (2 cr)~~
- And option A, B, or C below, or the courses taken by students planning to earn an Idaho Standard Teacher Certificate in Computer Applications below
- Students planning to earn an Idaho Standard Teacher Certificate in Computer Applications take the following courses:
 - ~~ITED 238 Digital Electronics (3 cr)~~
 - ~~ITED 382 Computer Hardware Technology (3 cr)~~
 - ~~ITED 444 Telecommunications (3 cr)~~
 - ~~ITED 475 LAN Technology (4 cr)~~
 - ~~BuEd/ITED J419/J519 Information Processing Management (3 cr)~~
 - ~~BuEd/ITED 460 Desktop Publishing (3 cr)~~
 - ~~CS 112 Introduction to Problem Solving & Programming (3 cr)~~
 - ~~ED 328 Introduction to Educational Technology (2 cr)~~
 - And option A, B, or C below, or the courses taken by students planning to earn an Idaho Standard Teacher Certificate in Technology Education above

Prerequisite Skills Package (cannot be used as part of the major) (students may test out of the following classes; however, the classes are considered prerequisites to Technology Education):

- ITED 250 Manufacturing (4 cr)
- ITED 265 Computer Aided Drafting/Design (2 cr)
- ASM 107 Beginning Welding (2 cr)

And one of the following options:

A. GENERAL INDUSTRIAL TECHNOLOGY OPTION. ~~4~~ 10 credits in approved ITED courses distributed throughout several technology areas.

~~C.~~ B. TEACHING MINOR OPTION: ~~20 credit~~ 20-30 credit teaching minor to be selected from the list of "teaching majors and minors" in the College of Education section.

~~B.~~ C. INDUSTRIAL TECHNOLOGY SPECIALIZATION OPTION: ~~4-20~~ 10-20 additional credits in a specialized area of technology. Students may specialize in one of the following technology areas: electronics, manufacturing and construction, graphic communication, construction technology, general technology, computer technology, science technology, or math technology.

INTERDISCIPLINARY STUDIES

Add Intr 106 Freshman Interest Group: Service Learning (2 cr). Open to freshmen; open to other students with permission. Learning that combines community service with classroom instruction; working with local agencies, exploring service in contexts such as citizenship and activism; using service experiences to enhance communication, critical thinking, and group problem solving; and learning more about society, social relationships, and self. [Spring 2000]

MATHEMATICS

1. Drop Math R181, Analytic Geometry and Calculus I (3 cr). [Summer 2000]

2. Drop Math R191, Analytic Geometry and Calculus II (3 cr). [Summer 2000]

3. Drop Math R201, Analytic Geometry and Calculus III (3 cr). [Summer 2000]

4. Drop Math R211, Analytic Geometry and Calculus IV (3 cr). [Summer 2000]

5. Add Math 437 Mathematical Biology (3 cr). Modeling biological phenomena, mostly through differential equations; mathematical topics include stability analysis and limit cycles for nonlinear ODE's, spatial diffusion and traveling waves for PDE's; biological topics include models of predator-prey systems, infectious diseases, and competition. Prereq: Math 310 or perm. (Alt/yrs) [Summer 2000]

6. Change the number of Math 441, Problem Solving Through History (3 cr), to Math 513. [Summer 2000]

7. Drop Math 442, Linear Algebra: Its Applications for Teachers (3 cr). [Summer 2000]

8. Change the number of Math 443, Foundations of Calculus (3 cr), to Math 514. [Summer 2000]

9. Change the number of Math 444, Problems in Geometry (3 cr), to Math 515. [Summer 2000]

10. Change the number of Math 445, Groups and Symmetry (3 cr), to Math 516. [Summer 2000]

11. Drop Math 446, Rings and Fields (3 cr). [Summer 2000]

12. Drop Math 447, Linear Optimization (3 cr). [Summer 2000]

13. Change the number and description of Math 449 to read [Summer 2000]:

Math 449 519 (s) Special Topics (cr arr) (Math 449). Special topics of interest to mathematics teachers. This course is specifically designed for the M.A.T. program, and will not satisfy the requirements of other mathematics degree programs. Prereq: perm.

14. Change the number of Math ID&WS511-ID&WS512, Topology (3 cr), to Math ID&WS521-ID&WS522. [Summer 2000]

15. Change the number of Math 521, Seminar in Topology (1-3 cr, max arr), to Math 525. [Summer 2000]

16. Add Math 540 Partial Differential Equations (3 cr). Existence and uniqueness theorems for the wave, heat, and Laplace's equations of physics; additional topics such as nonlinear models in mathematical biology, perturbation methods, etc. Prereq: Math 539 or perm. [Summer 2000]

17. Add Math 575-576 Graph Theory (3 cr). Basic concepts and theorems; topics include trees and connectivity, eulerian and hamiltonian graphs, graph colorings, matchings, graph decomposition, and extremal graph theory. [Summer 2000]

18. Add Math 578 Combinatorial Optimization (3 cr). Optimization problems on graphs, network flow problems, complexity analysis of algorithmic solutions, and related topics. (Alt/yrs) [Summer 2000]

MUSIC

1. Add the following courses to the dormant list [Summer 2000]:

- MusC 327, Orchestration (3 cr)
- MusC 428, Choral Arranging (2 cr)
- MusC J432/J532, Advanced Counterpoint (2 cr)
- MusT 252, Clarinet Techniques (1 cr)
- MusT 351, Advanced String Techniques (1 cr)
- MusT 353, Advanced Brass Techniques (1 cr)
- MusT 354, Flute and Saxophone Techniques (1 cr)

2. Change the description of MusA 145-146/245-246, Piano Class (1 cr), by adding "Prereq for MusA 245: 'C' or better in MusA 146; prereq for MusA 246: 'C' or better in MusA 245." [Summer 2000]

3. Change the description of MusC 239-240, Aural Skills III-IV (1 cr), by adding "Prereq: 'C' or better in MusC 139-140." [Summer 2000]

4. Change the prerequisite to MusC 241, Theory of Music III (3 cr), to "Prereq: 'C' or better in MusC 142." [Summer 2000]

5. Change the prerequisite to MusC 242, Theory of Music IV (3 cr), to "Prereq: 'C' or better in MusC 241." [Summer 2000]

6. Add MusC 328 Instrumental and Choral Arranging (3 cr). Principles of instrumentation, transcription, and arranging with emphasis on idiomatic instrumental and choral writing leading to projects in scoring for chamber, band, orchestral, and vocal ensembles. Prereq: "C" or better in MusC 240 and 242. [Summer 2000]

7. Change the prerequisite to MusH 321, Music in Western Civilization I (3 cr), to "Prereq: 'C' or better in MusH 101 or 111." [Summer 2000]

8. Change the prerequisite to MusH 322, Music in Western Civilization II (3 cr), to "Prereq: 'C' or better in MusH 101 or 111." [Summer 2000]

9. Change the prerequisite to MusH 323, Music in Western Civilization III (3 cr), to "Prereq: 'C' or better in MusH 101 or 111." [Summer 2000]

10. Add MusT 255 *Woodwind Techniques* (1 cr). Group instruction. Problems of playing and teaching clarinet, flute, and saxophone in elementary and secondary schools. Prereq: perm. [Summer 2000]

11. Change the prerequisite to MusT 383, Principles of Music Teaching (3 cr), to "Prereq: MusC 142 and upper-division standing in studio or perm." [Summer 2000]

12 Change the title and description of MusT 389 to read [Summer 2000]:

MusT 389 Orff, ~~and~~ Kodaly, and Dalcroze (2 cr). Philosophies and teaching techniques attributed to Carl Orff, Emile Jacques Dalcroze, and Zoltan Kodaly; Orff emphasizes movement, improvisation, singing, and percussion instruments; Dalcroze emphasizes movement; Kodaly emphasizes solfege singing, folk songs, child development, and personal musicianship. Prereq: MusT/EDTE 381 or perm.

13. Change the prerequisite to MusT 432, Practicum: Music Teaching (7 or 14 cr), to "Prereq: ED 312, 314, MusA 490, MusT 445, cumulative GPA of 2.50, and perm of School of Music." [Summer 2000]

14. Change the description of MusT 445 to read [Summer 2000]:

MusT 445 Proseminar in Music Teaching (2 cr). Orientation to practicum should be taken in the final semester before student teaching. In addition to the regularly scheduled class times, there will be one evening meeting, set late in the semester with class input, that will be devoted to a two-hour mock interview process.

15. Change the major in music: vocal performance (B.Mus.) by adding MusX 283-284, Diction for Singers (4 cr). [Summer 2000]

16. Change the major in music: composition (B.Mus.) by (a) deleting MusC 327, Orchestration, and MusC 428, Choral Arranging, and (b) adding MusC 328, Instrumental and Choral Arranging (3 cr). [Summer 2000]

17. Change the major in music education: vocal (B.Mus.) by (a) deleting MusC 428, Choral Arranging, and adding MusC 328, Instrumental and Choral Arranging (3 cr), in the junior-senior school section, (b) deleting the junior-senior school section heading and combining the courses

in that section with the rest of the requirements, and (b) deleting the section on "preparation for elementary school music teaching." [Summer 2000]

18. Change the major in music education: instrumental (B.Mus.) by (a) deleting MusC 327, Orchestration, or 461, Band Arranging, and (b) adding MusC 328, Instrumental and Choral Arranging (3 cr). [Summer 2000]

19. Change the major in music education: vocal-instrumental (B.Mus.) by (a) deleting MusC 327, Orchestration, or 461, Band Arranging, and MusC 428, Choral Arranging, and (b) adding MusC 328, Instrumental and Choral Arranging (3 cr). [Summer 2000]

20. Add the following section to the "General Requirements for All B.A. and B.Mus. Degrees" [Summer 2000]:

Transfer Credits. Transfer credits will be accepted at the upper-division level only if taken at the upper-division level from the original institution (i.e., a 100- or 200-level course will not transfer as a 300- or 400-level course requirement).

21. Change the music minor by changing "MusH 321, 322, Music in Western Civilization (6 cr)" to "Select two courses from MusH 321, 322, and 323, Music in Western Civilization (6 cr)." [Summer 2000]

PHYSICAL EDUCATION

1. Change the number of PEP 260, Motor Development and Control (3 cr), to PEP 360. [Summer 2000]

2. Change the number and title of PEP 320, Methods and Materials in Physical Education (4 cr), to PEP 420, Secondary Physical Education Methods. [Summer 2000]

3. Change the number and title of PEP 340, Elementary School Physical Education (3 cr), to PEP 410, Elementary Physical Education Methods. [Summer 2000]

4. Change the number and description of PEP 412 to read [Summer 2000]:

PEP 412 J414/J514 Proseminar in Physical Education (1 cr) (PEP 412). ~~Content and materials for entering student teaching, the teaching profession, and for continuing professional development. Graded P/F.~~ Course content and materials designed to prepare students for entry into the physical education teaching internship, the physical education teaching profession, and for continuing professional development; should be taken the semester before the teaching internship. Additional items including grant writing, writing for publication, and research review on professional and career development will be required for those registered for graduate credit.

PROFESSIONAL-TECHNICAL EDUCATION

1. Create a new subject prefix called Professional-Technical Education (PTE) and change all the standard-numbered courses in VoEd to PTE. [Fall 2000]

2. Change the number and description of VoEd 270 to read [Fall 2000]:

~~VoEd~~ PTE 270 Technical Competence I (1-10 cr, max 10) (VoEd 270). Technical competence is gained from experience in areas of concentration related to the bachelor of science degree in ~~vocational~~ professional-technical education or technology. Grades for successful completion of ~~VoEd~~ PTE/ITED 270, 370, and 470 will be transcribed as P (pass) during the student's last semester and completion of all degree requirements. Prereq: 9 cr in residence in ~~vocational teacher~~ professional-technical education.

3. Change the number, title, and description of VoEd 306 to read [Fall 2000]:

~~VoEd~~ PTE 306 Preservice for New ~~Vocational~~ Professional-Technical Teachers (3 cr) (VoEd 306). Fundamental skills necessary for new ~~vocational~~ teachers in secondary and postsecondary schools to be successful in meeting students.

4. Change the number and title of VoEd 307, Inservice for New Vocational Teachers (3 cr), to PTE 307, Inservice for New Professional-Technical Teachers. [Fall 2000]

5. Change the number, title, and description of VoEd J351/J551 to read [Fall 2000]:

~~VoEd~~ PTE J351/J551 Principles and Philosophy of ~~Vocational~~ Professional-Technical Education (3 cr) (C) (VoEd J351/J551). ~~VoEd 351 same as AgEd 351. Overview and interpretation of history, aims, and purposes of public education and vocational education; issues and programs comprising vocational education in Idaho and the U.S. Students who take course at grad level are reqd to complete additional assignments, papers, and/or presentations. See ACTE J351/J551.~~

6. Change the number and description of VoEd 370 to read [Fall 2000]:

~~VoEd~~ PTE 370 Technical Competence II (1-10 cr, max 10) (VoEd 370). See ~~VoEd~~ PTE 270. Prereq: completion of junior year in ~~vocational teacher~~ professional-technical education.

7. Change the number and description of VoEd J418/J518 to read [Fall 2000]:

~~VoEd~~ PTE J418/J518 Learning Styles (3 cr) (VoEd J418/J518). ~~Same as AdEd J418/J518. Identify and provide experience in administration, interpretation, and elements of theoretical bases for contemporary learning styles instruments. Additional projects/ assignments reqd for grad cr. See ACTE J418/J518.~~

8. Change the number and title of VoEd 420, Evaluation in Vocational Education (3 cr), to PTE 420, Evaluation in Professional-Technical Education. [Fall 2000]

9. Change the number, title, and description of VoEd 426, Analysis, Curriculum, and Evaluation (3 cr), and VoEd 526, Analysis and Curriculum Development in Vocational and Adult Education (3 cr), by combining them into the following [Fall 2000]:

PTE J426/J526 Instructional Design and Curriculum (3 cr). See ACTE J426/J526.

10. Change the number of VoEd 443, Introduction to Special-Needs Education (1 cr), to PTE 443 [dormant]. [Fall 2000]

11. Change the number and description of VoEd 450 to read [Fall 2000]:

~~VoEd~~ PTE 450 Industrial Safety (3 cr) (VoEd 450). Same as ITED 450. Organization and administration of safety programs in industry and ~~vocational-technical~~ professional-technical education laboratories; materials, research literature, methods, and techniques for industrial safety education.

12. Change the number of VoEd 451, School Lab Planning and Administration (3 cr), to PTE 451. [Fall 2000]

13. Change the number of VoEd 453, Task Analysis (1 cr), to PTE 453. [Fall 2000]

14. Change the number of VoEd 464, Career Guidance (3 cr), to PTE 464. [Fall 2000]

15. Change the number and description of VoEd 470 to read [Fall 2000]:

~~VoEd~~ PTE 470 Technical Competence III (1-12 cr, max 12) (VoEd 470). See ~~VoEd~~ PTE 270. Prereq: enrollment in the final semester of the degree program in ~~vocational teacher~~ professional-technical education.

16. Change the number, title, and description of VoEd 471 to read [Fall 2000]:

~~VoEd~~ PTE 471 Practicum: ~~Vocational~~ Professional-Technical Education Teaching (3-10 cr, max 10) (VoEd 471). ~~Secondary majors are reqd to enroll for 10 cr. Supervised teaching in approved vocational programs at secondary schools or area vocational technical schools. Graded P/F. Prereq: ED 314, or VoEd 426, 472, GPA of 2.50, and perm of dept. (Submit application via director of vocational teacher and adult education to director of clinical experiences in teacher education.)~~ See ACTE 471.

17. Change the number and title of VoEd 472, Vocational Education Methods (3 cr), to PTE 472, Professional-Technical Education Methods. [Fall 2000]

18. Change the number of VoEd 480, Advanced Technical Competence (1-6 cr, max 6), to PTE 480. [Fall 2000]

19. Drop VoEd 493, Teaching Marketing Education (3 cr). [Summer 2000]

20. Drop VoEd 494, Marketing Education Materials (2 cr). [Summer 2000]

21. Drop VoEd 495, Supervising DECA Programs (2 cr). [Summer 2000]

22. Change the number of VoEd 496, Directed Work Experience (1-3 cr, max 9), to PTE 496. [Fall 2000]

23. Change the number, title, and description of VoEd 507 to read [Fall 2000]:

~~VoEd PTE 507 Issues in Vocational and Adult Education~~ The Future of Education and Work (3 cr) (VoEd 507). ~~Philosophies, objectives, trends, research, organizational patterns, and governmental relationships for vocational and adult education programs.~~ See ACTE 507.

24. Change the number of VoEd 512, Classroom Management and Student Motivation (2 cr) (C), to PTE 512 [dormant]. [Fall 2000]

25. Change the number of VoEd 515, Instructional Strategies (3 cr), to PTE 515. [Fall 2000]

26. Change the number of VoEd 524, Issues in Marketing Education (3 cr), to PTE 524. [Fall 2000]

27. Change the number, title, and description of VoEd 543 to read [Fall 2000]:

~~VoEd PTE 543 Administration and Supervision in Vocational Education of Learning Programs (3 cr) (VoEd 543). Same as ITED 543. Theory and practice of administering and supervising vocational education programs at all levels.~~ See ACTE 543.

28. Change the number of VoEd 544, Modifying Vocational Program for Students with Special Needs (3 cr), to PTE 544 [dormant]. [Fall 2000]

29. Change the number of VoEd 545, Facility Planning (3 cr), to PTE 545 [dormant]. [Fall 2000]

30. Change the number, title, and description of VoEd 555 to read [Fall 2000]:

~~VoEd PTE 555 Program Evaluation in Vocational Education for the Training and Learning Enterprise (3 cr) (VoEd 555). Principles and procedures used in the evaluation of vocational professional technical programs.~~ See ACTE 555.

31. Change the number of VoEd 564, Special Needs Communication Skills (3 cr), to PTE 564 [dormant]. [Fall 2000]

32. Change the number and description of VoEd 581 to read [Fall 2000]:

~~VoEd PTE 581 Theory, Practices, and Challenges of Leadership (3 cr) (VoEd 581). Same as AdEd 581. Analysis and study of leadership of the human resource in organizations; theories,~~

styles, and methods of effective leadership developed from past leaders blended with current models of leadership. See ACTE 581.

RECREATION

1. Add Rec 215 River Reading and Whitewater Safety (1 cr). River reading knowledge, whitewater safety, and rescue instruction; wild and scenic river legislation and requirements for back country travel along river corridors. [Summer 2000]

2. Change the description of Rec 224 to read [Summer 2000]:

Rec 224 Whitewater Rafting (1 cr). Intro to skills of whitewater rafting including equipment, trip planning, permits, safety, river hazards and accidents, river reading and water situations, techniques, self rescue, and river impact. One or two field trips. Prereq: Rec 215; two courses from Rec 125, 320, 420, RRT 287, 387, 487, 490; or perm.

3. Change the description of Rec 225 to read [Summer 2000]:

Rec 225 Kayaking (1 cr). Intro to skills of whitewater kayaking including equipment, eskimo rolls, eddy turns, ferrying, and rapid maneuvering, river hazards, and safety/rescue. One 2-day field trip. Prereq: Rec 215; two courses from Rec 125, 320, 420, RRT 287, 387, 487, 490; or perm.

4. Change the credits and description of Rec 226 to read [Summer 2000]:

Rec 226 Whitewater Canoeing (~~2-cr~~ 1 cr). Introduction to fundamentals of tandem canoe paddling on whitewater rivers; equipment, trip planning, and paddling technique, river readings, safety, and rescue techniques will be examined and practiced. One lec and 2 hrs of lab a wk; one 4- to 7-day field trip. Prereq: Rec 215 or perm.

5. Change the description of Rec 275 to read [Summer 2000]:

Rec 275 Computer Applications in Leisure Services (2 cr). Introduction to computer software applicable to the recreation and leisure profession; software used to produce ~~graphic presentation material and print material for the leisure profession; Internet access to recreation services in E-mail, gopher, newsgroups, and Netscape~~ presentation graphics, desktop publishing, spreadsheets, web page creation, and print material for the leisure profession; Internet access for electronic mail, and Web searches. One lec and ~~1 hr~~ of one lab a wk.

6. Change the minor in outdoor recreation leadership to read [Summer 2000]:

OUTDOOR RECREATION LEADERSHIP MINOR

- Rec 125 Outdoor Leisure Pursuits or RRT 287 Principles of Resource Recreation & Tourism Management (2 cr)
- Rec 215 River Reading and Whitewater Safety (1 cr)

- Rec 320 Outdoor Recreation Leadership or 254 Camp Leadership (2-3 cr)
- Rec 321 Wilderness Medicine & Evacuation or H&S 288 First Aid: Emergency Response or other approved medical emergency course (1-2 cr)
- Rec 420 Experiential Educ or RRT 487 Field Environmental Educ (2-3 cr)
- RRT 387 Environmental Interpretive Methods (3 cr)
- RRT 403 Workshop: Wilderness Vision Questing or RRT 491 Use of Wilderness Environments for Personal Growth (2-3 cr)
- RRT 287 Principles of Resource Recreation & Tourism Management or RRT 490 Wilderness Management or 491 Use of Wilderness Environments for Personal Growth (2-3 cr)
- Courses selected from the following (7-er 5 cr)
 - PEB 106 Individual & Dual Sports: Fly Tying/Casting (1 cr)
 - PEB 108 Swimming: Scuba (1 cr)
 - Rec 220 Rock Climbing
 - Rec 221 Mountaineering
 - Rec 222 Cross Country Skiing
 - Rec 223 Winter Camping
 - Rec 224 Whitewater Rafting
 - Rec 225 Kayaking
 - Rec 226 Whitewater Canoeing
 - Rec 227 Mountain Biking
 - Rec 255 Backpacking & Camping Skills
 - Rec 270 Big Game Hunting Techniques & Safety
 - Rec/RRT 204 Approved Special Topics course
 - Technical competency (contact dept) (max 4 cr)

TEACHER EDUCATION

1. Add EDTE 407 Elementary Foreign Language Methods (3 cr). Observational experiences for preservice teachers combined with a classroom teaching practicum; discussion of teaching strategies for bilingual students, combining current research with valuable field experiences on which to base relevant/meaningful questions during the methods course. Prereq: students must be native-language speakers and/or have a teaching major or minor in foreign language. [Summer 2000]

2. Add EDTE 412 Multicultural/Bilingual Methods and Materials (3 cr). Basic understanding of the issues surrounding the multicultural movement in today's school systems; introduction to a variety of different instructional programs designed to teach literacy skills to students from diverse cultural and linguistic backgrounds; particular emphasis on the historical, political, and multicultural perspectives of teaching diverse learners in the classroom. This course does not replace methods courses in education or ESL. [Summer 2000]

3. Add EDTE 466 Literacy Assessment and Intervention (3 cr). Various assessment issues and procedures appropriate for monitoring student progress in reading and writing in the classroom; instructional methods for assisting readers at-risk. Prereq: EDTE 336 or 463. [Summer 2000]

4. Add EDTE 508 Standards-Based Curriculum in Science (3 cr). Preparation of practicing teachers to implement standards-based curriculum and assessment; focus on teacher's discipline area of certification; examination and development of curriculum, inquiry strategies, assessment strategies, and teaching strategies aligned with the science standards. [Spring 2000]

5. Drop EDTE 525, Problems in Secondary Social Studies (3 cr) [dormant since 1994]. [Spring 2000]

6. Add EDTE 525 Higher Education Accounting, Budgeting, and Finance (3 cr). Provides a foundation for exploring the procedures and processes for providing financial support to institutions of higher education; the focus is on public institutions, and information about private institutions will be discussed as appropriate. [Spring 2000]

7. Add EDTE 552 Idaho Comprehensive Literacy Course (3 cr). May not receive credit for both EDTE 552 and EDTE 553-555. The three core literacy standards required under Idaho law for teachers and administrators K-8 certification: language learning and literacy development, reading comprehension, instruction, reading assessment, and instructional intervention. [Spring 2000]

8. Add EDTE 553 Language Learning and Literacy Development (1 cr). May not receive credit for both EDTE 553 and 552. Refinement of teachers' knowledge of both the content and approaches for teaching decoding, morphology, and fluency as a part of a comprehensive, balanced reading program. [Spring 2000]

9. Add EDTE 554 Reading Comprehension Research and Best Practices (1 cr). May not receive credit for both EDTE 554 and 552. Review of the research base supporting reading comprehension instruction. [Spring 2000]

10. Add EDTE 555 Reading Assessment Diagnosis and Remediation (1 cr). May not receive credit for both EDTE 555 and 552. Enhancement of teachers' knowledge of reading assessment procedures and methods for remediating students' reading difficulties. [Spring 2000]

FOR THE FACULTY'S INFORMATION

The following actions concerning cooperative courses have been approved since the most recent report:

Drop FCS WS108, Merchandising Options (2 cr). WSU AMT 108. [Summer 2000]