

PLEASE REVIEW ANY SECTION OF THE MINUTES THAT APPLY TO YOUR DEPT./SCHOOL AND REPORT ANY DISCREPANCIES TO BILL GROSSNICKLE, COMMITTEE CHAIR OR JEANNIE YOUNT, COMMITTEE SECRETARY

CURRICULUM COMMITTEE MINUTES

September 24, 1987

The Curriculum Committee met Thursday, September 24, 1987, at 1:00 p.m. in Brewster B-103. Members present were: Carlton, Steele, Keeter, Neal, Coulter, Grossnickle, Yount, Wilentz, Lunney, Cain (ex-officio) and Sexauer (ex-officio). Absent: Topper

The minutes of September 10, 1987 were approved with the following changes: Math 5121, prerequisite should read: "...or equivalent knowledge of Pascal or PL/1". Math 5132, course description, line 3, should be "Markov" processes, not "markow".

Professor Wheatley, Business, presented the request to revise the BSBA (Marketing). Requested substitution of MKTG 4732 (Consumer Behavior) for MKTG 4352 (Selling and Sales Management) in the marketing Management concentration. Also requested that the marketing elective hours be raised from 9 s.h. to 12 s.h. Keeter moved approval of the course and change in hours. Seconded by Wilentz. The motion carried.

Professor Oren representing the School of Art requested approval of Art 4970 (History of 19th and 20th Century Design) as an elective. Clarification of intent as to availability as elective for all students with 9 hrs. prerequisites. Primary intention is an elective for art majors, but others welcome with prerequisites. Suggest crossing out last line in H. from after "...within the School of Art." Will not change catalogue description or syllabus. Prof. Oren agreed to change. Coulter moved to approve as amended. Keeter seconded. Motion carried.

Professors O'Neil, Gartman and Denton, Social Work:

A) Requested approval of JUST 2005 (Corrections), 2008 (Case Management), 2010 (Law Enforcement in America), 3500 (Principles of Criminal Law - formerly 4003), 3501 (Criminal Procedure - formerly 4003), 4500 (Issues, Values and Ethics in Criminal Justice), and 4990 (Field Ed & Seminar) and deletion of 4000, 4003. Noted that prerequisite for JUST 4990 should read JUST 3500, 3501, and SOCW 5001. O'Neil clarified that no added faculty, facilities, costs expected due to these changes.

B) Requested approval of revision in BS in Criminal Justice. General education requirements would no longer require (i) choice of ENGL 3260 or HIST 3110 or POLS 3039 or SOCI 4345 (ii) choice of HIST 2140 or ENGL 3300. The students could choose any elective instead of these "forced choices".

C) Requested approval of revision in BS in Social Work. There will be four (4) areas of interest (including composite) to choose from instead of 5.

D) Requested approval of revision in Social Welfare minor. Remove JUST 4000 (Issues and Problems in Law Enforcement) and 4003 (Principles and Procedures of Criminal Law). Add JUST 2005, 3500, 3501, 4500 (see course titles above A) as electives.

Professors Byington and Causby, Social Work, requested approval of new SOCW elective. SOCW 5007 (Women as Clients). Clarification: no prerequisites. Some discussion as to selecting women as "special" group.

Motion to approve new courses in Criminal Justice as proposed and amended by M. Steele. Seconded by Neal. Motion passed.

Motion to approve revisions in BS in Social Work and minor in Social Welfare by Carlton. Seconded by Sexauer. Motion passed.

Motion to approve changes in BS in Criminal Justice degree as amended by Yount. Sexauer seconded. Objection raised about deletion of required cognates related to minority groups (studies). Motion failed to pass. Return to department for further study.

Motion to approve SOCW 5007 as amended by Carlton. Wilentz seconded. Motion carried.

Professor Adler, Physics, requested approval of new courses and revision of BS, BS (Applied), BA in Physics, Physics minor, and 2-year engineering curriculum.

A) New courses to be approved: PHYS 2600, 2601 (Intro to Health Physics), 3700, 3701 (Adv. Lab), 4110 (Applied Thermodynamics), 4120 (Thermodyn.), 4226 (Mechanics I), 4227 (Mechanics II), 4310 (Modern Optics), 4326 (Electricity and Magnetism I), 4327 (Electricity and Magnetism II), 4560 (Math Methods of Physics), 4610 (Electronics), 5060 (The Conceptual Development of Physics).

B) Request revision in 4416, 4417 (Modern Physics I, II) and deletion of 1600, 1601 (Radiation Techniques), 3566, 4567 (Tech. in Theor. Physics), 3680, 3680 (Analog Computation), 4216, 4217 (Mech. and Therm. Physics), 4316, 4317 (Electro, Pehnom.), 4616, 4617 (App. Phy. Tech), 5050 (Comp. Dvlp. of Phys. Sc.) and 5052 (Dvlp. 20th Cent. Phys.).

C) Bank the following courses PHYS 1011, 2011 (Exp. Phys. I, III), 1061 (Exp. Phys) and 1070 (Physics and Man).

D) Change prerequisites for 1250, 1260, and 2021.

Motion to accept "package" as presented by Muller. Seconded by Neal. Motion passed.

Motion to Grossnickle to:

A) Bank PHIL 5282 (Mathematical Logic) and Physics 5640, 5641 (Solar Energy)

B) To remove the following courses from the curriculum bank: CHEM 5850 (3) and 5851 (2) (Instrument - Computer Interfacing).

C) To bank the following Music courses: MUSC 1645, 2645, 3645, 4645 (Men's Glee Club) and MUSC 2248 (Music of the World's Peoples), thereby removing Music 2248 from electives list in African Studies and Latin American Studies.

Seconded by Steele. Motion passed.

Motion by Steele to revise catalogue listing under Food Service Management on p. 38 of supplement to read electives above 2999 instead of 1999. This was original intent plus there are no electives possible below 2999. Seconded by Muller. Motion passed.

OCCT 3015 failed to be listed as approved in our minutes of 1/22/87 (last academic year). This was an oversight, not disapproval of course. Motion by Carlton to be sure it is listed in new catalogue and treated as approved since 1/22/87. Seconded by Cain. Motion passed.

Meeting adjourned at 3:10 p.m.

Respectfully submitted,

Jeannie Yount, Secretary

CURRICULUM COMMITTEE CATALOGUE COPY
September 24, 1987

School of Business

Page 299 (1) Retail Marketing: replace 4532 with 4732 in list of Distribution electives.
(2) Change 9 s.h. to 12 s.h. in marketing electives. Change to read:
"marketing electives or departmentally approved courses: at least 12 s.h...."

School of Art

Page 294 Add: **ART 4970 History of 19th and 20th Century Design (3)** 3 lecture hrs/week
Prerequisite: ART 1905 or 1910, 1906, and 1909.
A survey of major artists and movements in the history of textile, ceramic, metal, wood and graphic design.

School of Social Work

Page 271 Add: **JUST 2005 Corrections (3)**

Prerequisite: JUST 1000 recommended

A survey of the corrections component of the Criminal Justice System with emphasis on the evolution of programs, strategies and policies.

JUST 2008 Correctional Case Management (3)

Prerequisite: JUST 1000 and JUST 2000 or consent of instructor.

Provides a methodological base for managing correctional caseloads with emphasis on coordination of services.

JUST 2010 Law Enforcement in America (3)

To provide student an understanding of the historical background and the evolutionary process of law enforcement in the United States.

JUST 3500 Procedures of Criminal Law (3) (formerly JUST 4003)

Prerequisite: JUST 1000; majors or consent of instructor.

The nature, sources and types of criminal law, the examination in detail of selected specific criminal offenses including the elements thereof: criminal liability and defenses and how to conduct basic legal research.

JUST 3501 Procedures of Criminal Law (3) (formerly JUST 4003)

Prerequisite: JUST 1000; majors or consent of instructor.

The rules and procedures that govern the criminal justice process from arrest through search, interrogation, indictment, arraignment and trial until final sentence, review and rights given to prisoners. The basic concepts from the Constitution on which the due process rights of individuals are based is included.

Page 271

Delete: JUST 4000 and 4003

Add: **JUST 4500 Issues and Problems in Criminal Justice (3)** (old JUST 4000)

Prerequisite: JUST 1000

Examination and discussion of values, ethics and major issues of concern to the American Criminal Justice System.

JUST 4990 Field Education & Seminar (12)

Corequisite: SOCW 4000

Three seminar hours per week; four days directed field education per week. Open only to Criminal Justice majors with at least 2.5 overall grade point average.

Field Education represents the culmination of the student's undergraduate preparation for professional practice. Students are placed in approved agencies and provided a supervised educational experience. The weekly seminar serves to help integrate theory and practice. Application for admission to this course must be received two semesters in advance of placement.

Page 248 Requirements for BS in Social Work continues after: "Majors must pass all social work..." to read: Social Work majors may elect their area of interest from either social work or criminal justice. The student must designate an area of interest when he or she is accepted as a major in the School.

Change Fields of Practice to "Area of Interest" and add sentence to read: Social Work majors may choose 1 of the areas listed below:

- I. Same
- II. Same
- III. Delete
- IV. Changes to III
- V. Changes to IV and to read as follows:

Consent of the Associate Dean is required to designate this area. The student, in consultation with the advisor and with the approval of the Associate Dean, may elect a composite area of interest including a minimum of 18 s.h. of course work which is congruent with his or her particular interest in preparing for a professional role which is not included in the 3 areas of interest previously outlined.

Page 266 Change Division of Social Work to School of Social Work

Maria O'Neil, Dean William T. Gartman, Associate Dean

Change narrative to read as follows:

The School of Social Work offers the Bachelor of Science degree with a major in social work or criminal justice and the Master of Social Work degree. (See also Graduate Catalogue.)

To apply for admission to the programs in social work or criminal justice, a student is expected to have a 2.5 grade point average. Applications should be submitted when the student has completed one semester in residence and has completed at least one course in social work or criminal justice. Additional information and applications for admission can be acquired by contacting the School of Social Work.

To continue as described in Supplement, pages 31-32.

Page 249 **Revision of Social Welfare Minor**

In elective courses, remove JUST 4000 and 4003. Add JUST 2005, 3500, 3501, 4500 as electives.

Page 270 Add: SOCW 5007 Women as Clients (3,0) 3 lecture hrs/week

Prerequisites: None

A study of women as clients in the human service system; issues and corrective measures to counteract gender bias in service delivery. Looks at strengths and vulnerabilities of women as clients.

Department of Physics

Page 198 Curriculum for BS in Physics

1. same
2. Required PHYS courses: 1251, 1261, 2021, 2250, 2260, 2270, 3700, 3701, 4120, 4226, 4326, 4416 plus 15 s.h. of PHYS electives above 2999 approved by chair.....42 s.h.
3. Required cognate courses: MATH 2171, 2172, 2173, 4331.....15 s.h.
4. Plus general electives to complete requirements for graduation.

Page 198 Curriculum for BS in Applied Physics

1. Same
2. Required PHYS courses: 1251, 1261, 2021, 2250, 2260, 2270, 3860, 3861 plus one of the following options. Industrial Physics Option -- PHYS 3700, 3701, 4110, 4610, 5600, 5601 plus 15 s.h. of PHYS electives above 2999 approved by chair.....42 s.h. Medical Physics Option -- PHYS 2600, 2601, 4310, 5716, 5717 plus 12 s.h. of PHYS electives above 2999 approved by chair.....39 s.h.

3. Required cognate courses: MATH 2171, 2172, 2173, 4331 plus the following to accompany option selected in 2 above. Industrial Physics Option--CSCI 2600, 2610; DESN 2034, 2035.....24 s.h.
Medical Physics Option--BIOL 1050, 1051, 2130, 2131; CHEM 2650, 2651.....29 s.h.
(Preengineering students should see Section 6, The General College: PREPROFESSIONAL AND TWO-YEAR CURRICULA: Two-Year Engineering Curriculum.)
4. Plus general electives to complete requirements for graduation.

Page 199 Curriculum for BA Degree in Physics

1. Same
2. Same
3. Required PHYS courses: 1251, 1261, 2021, 2250, 2260, 2270, 4080, 4081, 5060 plus 12 s.h. of PHYS electives above 2999 approved by chair.....30 s.h.
4. Required cognate courses: MATH 2171, 2172, 2173.....12 s.h.
5. Plus a minor and general electives to complete requirements for graduation.

Page 199 Minor in Physics

Required PHYS courses: 1251, 1261, 2021, 2250, 2260, 2270 plus 12 s.h. of PHYS electives above 2999.....24 s.h.

Page 200 PHYS 1250, 1260 Change prerequisites: MATH 1065 for 1250; PHYS 1250 for 1260

PHYS 2021 Change prerequisites: PHYS 1261, PHYS 2260

Delete 1600, 1601

Add: PHYS 2600, 2601 Introduction to Health Physics (3) 2/3 lab

Prerequisites: PHYS 1260/1261

An introduction to principles of radiation dosimetry, protection and surveillance for science and other technically oriented students.

Page 201 Add: PHYS 3700, 3701 Advanced Laboratory (3) 1/6 lab

Prerequisites: PHYS 2021, 2260, 2270

Advanced experimental physics laboratory with major writing requirement.

PHYS 4110 Applied Thermodynamics (3) 3 classroom

Prerequisites: PHYS 2260, 2270; MATH 2173

topics include the laws of thermodynamics, thermodynamic potentials, psychometrics, heat transfer. Heavy emphasis is placed on application, including use of steam tables.

PHYS 4120 Thermodynamics (3) 3 classroom

Prerequisites: PHYS 2260, 2270; MATH 2173

Topics include the laws of thermodynamics with applications, and introduction to kinetic theory and statistical mechanics.

PHYS 4226 Mechanics I (3) 3 classroom

Prerequisites: PHYS 2260, 2270; MATH 2173

Topics include motion of a particle and of a system of particles, statics of rigid bodies, gravitation, and moving coordinate systems.

PHYS 4227 Mechanics II (3) 3 classroom

Prerequisites: PHYS 4226

Topics include mechanics of continuous media, Lagrange's and Hamilton's equations, rigid body rotations, and theory of small vibrations.

Delete 3566, 4567; 3680, 3681; 4216, 4217.

Page 202 Add: **PHYS 4310 Modern Optics (3)** 3 classroom
 Prerequisites: PHYS 2260, 2270; MATH 2173
 Topics include image information and ray theory, wave optics, optical transformation theory, and quantum optics.

PHYS 4326 Electricity and Magnetism I (3) 3 classroom
 Prerequisites: PHYS 2360, 2370; MATH 2173
 Topics include electrostatics, dielectrics, electric current, magnetic properties of steady currents and of matter, and electromagnetic induction

PHYS 4327 Electricity and Magnetism II (3) 3 classroom
 Prerequisites: PHYS 4326
 Topics include properties of slowly varying currents, Maxwell's equations, electromagnetic waves.

PHYS 4560 Mathematical Methods for Physics (3) 3 classroom
 Prerequisites: PHYS 2360, 2370; 2173
 An introduction to vector calculus, matrix applications, Fourier series, complex variables, and numerical methods.

PHYS 4610 Electronics (3) 2/2
 Prerequisites: PHYS 2021, 2260
 A theoretical and experimental survey of electric and electronic circuits

PHYS 5060 The Conceptual Development of Physics (3) 3 classroom
 Prerequisites: PHYS 2260, 2270
 the development of major ideas and concepts of physics from the earliest times to the present

Revise: **PHYS 4416 Modern Physics I (3)** 3 classroom
 Prerequisites: PHYS 2260, 2270; MATH 2173
 Topics include special relativity, earlier quantum theory, solution to the Schrodinger equation, theory of the hydrogen atom and complex atoms.

PHYS 4417 Modern Physics II (3) 3 classroom
 Prerequisites: PHYS 4416
 Topics include nuclear models, elementary particles, quantum statistics, molecular structure, solid-state physics, and astrophysics.

Delete: PHYS 4316, 4317; 4616, 4617; 5050, 5052

Page 199 Bank PHYS 1011 (1), 1061 (1)

Page 200 Bank PHYS 1070 (3), 2011 (1)

Page 203 Bank PHYS 5640, 5641 (3,0)

Page 197 Bank PHIL 5282 (3)

Page 361 Bank MUSC 1645, 2645, 3645, 4645 (1 each)

Page 361 Bank MUSC 1665, 2665, 3665, 4665 (1 each)

Page 365 Bank MUSC 2248 (2)

Page 89 Delete MUSC 2248 from 3 electives under African Studies

Page 91 Delete MUSC 2248 from 2 c. electives under Latin American Studies

Remove the following from Curriculum Course Bank: CHEM 5850 (3) and 5851 (2)

Page 328 Change: Food Service Management Minor to:....plus 2 s.h. of electives above 2999
OCCT 3015 Professional Seminar I (1) 2 seminar per week

Prerequisites: OCCT 3006; Corequisite OCCT 3007, 3009

Advanced examination of theory, research, ethics and legislation as applied to Occupational Therapy practice. Service documentation and accountability stressed.