MINUTES OF THE MEETING
OF THE ACADEMIC POLICIES AND PROCEDURES COMMITTEE
January 11, 2006

The Academic Policies and Procedures Committee met on Wednesday, January 11, 2006 in Room 224 of I.G. Greer Hall beginning at 3:02 p.m.
Committee members present: Dr. Jeff Butts (Chair), Dr. Jon Beebe, Ms. Eleanor Cook, Dr. Eric Groce, Dr. Dan Hurley, Mr. Mark Malloy, Dr. Ron Marden, Ms. Sammye Sigmann, Ms. Lari Garren, Mr. Joseph Henderson, Mr. Jason Radford, and Mr. Justin Viens (Parliamentarian).
Committee members excused: Mr. John Boyd, Dr. Mike Dotson, and Dr. Julie Horton.

Dr. Jeff Butts called the meeting to order, and he introduced the following two new members of the AP&P Committee for the remainder of the 2005-2006 academic year:
Faculty: Dr. Eric Groce (Dept. of Curriculum & Instruction) is replacing Dr. Diana Quealy-Berge.
Graduate Student: Ms. Lari Garren is replacing Ms. Kristi Thomas. Ms. Garren is a graduate student in the Department of Mathematical Sciences.

Mr. Don Rankins introduced Ms. Stefanie Whitworth, as an Assistant Registrar. She will be working with NCAA regulations, AP&P proposals, and other responsibilities developing information systems and related implementation of the Banner Student Information System.

Ms. Joni Petschauer introduced Ms. Nikki Crees (Assistant Director of the Freshman Learning Communities in General Studies). Ms. Crees will be representing General Studies at the AP&P Committee meetings, along with Ms. Joy Clawson, for the remainder of this semester while Ms. Petschauer is out of the country.

MINUTES:
Dr. Butts noted that the two sets of November meeting minutes (November 2 and November 30) will not be considered for approval today. Dr. Butts has met with the Provost regarding the November 2 minutes, but they will meet again as soon as the November 30th minutes are completed. Both sets of minutes will be distributed as soon as possible. They will be considered for approval at our meeting on February 1, 2006.

ANNOUNCEMENTS:
There were no announcements for today's meeting. The special designator actions that have been approved by the Core Curriculum Council at their last two meetings have all been noted in the November 2 and November 30 minutes along with the specific course additions and/or changes.

NEW BUSINESS:
Dr. Richard Henson presented proposals from the College of Arts and Sciences for the Center for Appalachian Studies; and for the Departments of English; Geography and Planning; Interdisciplinary Studies; and Physics and Astronomy.

Proposal AS 3-11-05 from the Center for Appalachian Studies was approved as amended as follows (EFF. FALL, 2006):

1. Course addition:
[Note: AS 4030 was approved for the **CD (CROSS-DISCIPLINARY)** special designator at the 11/18/05 Core Curriculum Council meeting.]
AS 4030. Bluegrass Traditions/(3).F.Alternate years.
The genesis of bluegrass music from its beginnings to its major redefinition in the mid-1970s. Lecture three hours. (CROSS-DISCIPLINARY) *[Dual-listed with AS 5030.]**

**AS 4030 will be dual-listed at the graduate level with AS 5030 following approval by the Graduate Council and the AP&P Committee to add the new course: AS 5030, which is expected to be presented for approval at the February 1, 2006 AP&P Committee meeting.*

.

VOTE 1 YES 12 NO 0 ABSTAIN 0

Proposals ENG 05-06-01 through ENG 05-06-04 from the Department of English were approved as amended as follows (EFF. FALL, 2006):

1. Course additions:
ENG 3900. Internship in Secondary Schools/(1).F;S.
A supervised experience in the English instructional process on the secondary level through direct participation in a classroom situation. May be repeated for a total credit of three semester hours. Students should enroll in ENG 3900 the semester before student teaching. Graded on an S/U basis.

ENG 5400. Appalachian Writing Project/(6).SS.On Demand.
An intensive summer institute for kindergarten through college teachers interested in the teaching of writing. Explores composition theory with an emphasis on the connections among theory, practice, and pedagogy. Teachers will develop curriculum, collect resources, and re-connect as fully functioning writers. The Appalachian Writing Project is built upon the National Writing Project model.

2. Change the course numbering of ENG 3570 to ENG 4560, revise the course description, and add the dual-listing of ENG 5560 to ENG 4560. The course descriptions will read as follows: [DELETE ENG 3570, and ADD ENG 4560 & ENG 5560.]

[Note: ENG 4560 was approved to continue carrying the **W (WRITING)** and **MC (MULTI-CULTURAL)** special designators at the 11/18/05 Core Curriculum Council meeting.]

ENG 4560. Adolescent Literature/(3).F;S.
This course introduces students to the varied and multi-cultural field of adolescent literature. Students focus on various genres, including realistic fiction, romance and adventure, science fiction/fantasy, autobiography, and poetry. Content includes pertinent criticism, important bibliographies, research studies, historical analysis, and increasingly sophisticated pedagogical resources. Students will use the works they read, current research, and web-based resources to create curricula appropriate for adolescent readers. (WRITING; MULTI-CULTURAL) [Dual-listed with ENG 5560.]

ENG 5560. Adolescent Literature/(3).F.
This course introduces students to the varied and multi-cultural field of adolescent literature. Students focus on various genres, including realistic fiction, romance and adventure, science fiction/fantasy, autobiography, and poetry. Content includes pertinent criticism, important bibliographies, research studies, historical analysis, and increasingly sophisticated pedagogical resources. Students will use the works they read, current research, and web-based resources to create curricula appropriate for adolescent readers. [Dual-listed with ENG 4560.]

VOTE 2 YES 12 NO 0 ABSTAIN 0

Proposals GHY/PLN 2005 #1-21 and GHY/PLN 2005 #23-27 from the Department of Geography and Planning were approved as amended as follows (EFF. FALL, 2006):

1. Course additions:

GHY 3130. Geography of Biodiversity/(3).S.
The study of past and present geographic patterns of biodiversity. The course focuses on the living environment, emphasizing the physical and ecological conditions and processes that influence the distributions of organisms, communities, and ecosystems. Topics include past climates and continental configurations, dispersal and invasion, patterns of speciation and extinction, biodiversity, and application of biogeographic concepts of environmental conservation.

[Note: GHY 3820 was approved for the **C (COMPUTER)** special designator at the 11/18/05 Core Curriculum Council meeting.]

GHY 3820. GIS for the Environmental and Social Sciences/(3).F.
The application of geographic information science (GIS) to the environmental and social sciences. Topics include geospatial data, coordinate systems, cartographic design, remote sensing, and spatial analysis. Lab exercises complement classroom lecture and discussion. An independent project will allow students to apply GIS concepts and skills to a research topic in their discipline. (COMPUTER)

GHY 4240. Transportation Geography and Planning/(3).F.
This course examines the link between land use and the way people travel. Students will have the opportunity to study metropolitan evolution, historical trends in transportation, and the combined effect of the two. Additional study explores the many facets of travel (foot, bike, transit, automobile) and specific land use planning practices that attempt to offer more choices for transportation and land use. (Same as PLN 4240.) [Dual-listed with GHY 5240.]

PLN 4240. Transportation Geography and Planning/(3).F.
This course examines the link between land use and the way people travel. Students will have the opportunity to study metropolitan evolution, historical trends in transportation, and the combined effect of the two. Additional study explores the many facets of travel (foot, bike, transit, automobile) and specific land use planning practices that attempt to offer more choices for transportation and land use. (Same as GHY 4240.)

GHY 5240. Transportation Geography and Planning/(3).F.
Students will apply urban planning principles, basic geographic theory and spatial statistics to policy and analysis issues of transportation and transportation planning. The course

emphasizes transportation as a spatial phenomenon, and transportation planning as an activity and profession. [Dual-listed with GHY 4240.]

GHY 4814. Principles of GeoComputation/(3).S.
GeoComputation is spatial analysis with or without a geographic information system (GIS). The increasing power of computational environments enables the creation of new methods for analyzing geographic data. This course will include principles of GeoComputations, GIS programming, and linking GIS with environmental models. Lecture two hours, laboratory two hours. Prerequisite: GHY 3812 or permission of the instructor. [Dual-listed with GHY 5814.]

GHY 5814. Principles of GeoComputation/(3).S.
GeoComputation is spatial analysis with or without a geographic information system (GIS). The increasing power of computational environments enables the creation of new methods for analyzing geographic data. This course will include: an introduction to GeoComputational theory, GIS programming, and applications of GIS and environmental models. Lecture two hours, laboratory two hours. Prerequisite: GHY 3812 or permission of the instructor. [Dual-listed with GHY 4814.]

GHY 5312. GIS Management/(3).S.
The study of management issues, technological and management perspectives, and organizational settings necessary for developing a successful geographic information system - GIS can vary from a single-user workstation with a sole purpose to a complex multi-user, multi-department system, with different hardware and software environments, varied data requirements and standards for a variety of applications. These complexities and the manager's perspective cover a wide array of GIS related topics.

PLN 4450. Planning for Sustainable Communities/(3).S.
This course familiarizes students with the opportunities and challenges of sustainable development in the context of community experience and civic life in the U.S. Emphasis is placed on linking collective behaviors; the social, ecological, and economic impacts of those behaviors; and strategies for increasing sustainability at the community scale. [Dual-listed with PLN 5450.]

PLN 5450. Planning for Sustainable Communities/(3).S.
This course familiarizes students with the opportunities and challenges of sustainable development in the context of community experience and civic life in the U.S. Emphasis is placed on linking collective behaviors; the social, ecological, and economic impacts of those behaviors; and strategies for increasing sustainability at the community scale. Students will develop a project focused on an issue of sustainability. [Dual-listed with PLN 4450.]

PLN 4460. Environmental Policy and Planning/(3).SS.On Demand.
This course familiarizes students with the philosophical, legal, and institutional foundations of environmental policy and planning in the United States. Students will have the opportunity to study policies and planning tools for federal, state, and local agencies. [Dual-listed with PLN 5460.]

PLN 5460. Environmental Policy and Planning/(3).SS.On Demand.
An in-depth look at issues of public participation and involvement, intergovernmental relations, and the tools and practices involved with environmental planning in the United States. [Dual-listed with PLN 4460.]

PLN 4470. Community Development/(3).F.
This course introduces students to conventional and alternative approaches to community development. Students will have the opportunity to study aims and strategies employed by community development professionals, activists, and community members in urban and rural settings. Topics for reading and discussion include: poverty and race, affordable housing, economic revitalization, environmental justice, and public participation in planning. [Dual-listed with PLN 5470.]
PLN 5470. Community Development/(3).F.
A study of conventional and alternative strategies used by community development professionals, activists, and community members in urban and rural settings. Community development issues will be discussed, including poverty and race, affordable housing, economic revitalization, environmental justice, and public participation in planning. [Dual-listed with PLN 4470.]

2. Change the title of GHY 2310, Map Interpretation and Map Making to read as follows:
GHY 2310. Cartographic Design and Analysis/(3).F;S.

3. Change the titles and course descriptions of GHY 2812/PLN 2812, Microcomputers in Geography and Planning to read as follows:
GHY 2812. Geospatial Data and Technology/(3).F;S.
An introduction to geospatial data and technology used by geographers, planners and others. This includes the collection, management and output of geospatial data. Topics include computing fundamentals, Geographic Information Systems (GIS), Global Positioning System (GPS), remote sensing, and database management systems. Lecture two hours, laboratory two hours. (Same as PLN 2812.) (NUMERICAL DATA; COMPUTER) (ND Prerequisite: passing the math placement test or successful completion of MAT 0010.)
PLN 2812. Geospatial Data and Technology/(3).F;S.
An introduction to geospatial data and technology used by geographers, planners and others. This includes the collection, management and output of geospatial data. Topics include computing fundamentals, Geographic Information Systems (GIS), Global Positioning System (GPS), remote sensing, and database management systems. Lecture two hours, laboratory two hours. (Same as GHY 2812.) (NUMERICAL DATA; COMPUTER) (ND Prerequisite: passing the math placement test or successful completion of MAT 0010.)

4. Change the titles and course numbering of GHY 4800/PLN 4800, Quantitative Methods to GHY 3800/PLN 3800, change the course descriptions, delete the prerequisite statements, and delete the "Dual-listed with GHY 5800." statement. The revised course descriptions will read as follows: [DELETE GHY 4800 & PLN 4800, and ADD GHY 3800 & PLN 3800.]
GHY 3800. Introduction to Quantitative Methods/(3).F;S.
This course will introduce students to a suite of statistical methods used to address research and applied problems in the fields of geography and planning. The course will include discussions of geographic data, sampling techniques, probability theory, parametric/non-parametric techniques in hypothesis testing, and introductory spatial statistics. Classes will address conceptual and theoretical aspects of each technique in conjunction with manual and software-based analyses of geographic data. (Same as PLN 3800.) (NUMERICAL DATA) (ND Prerequisite: passing the math placement test or successful completion of MAT 0010.)
PLN 3800. Introduction to Quantitative Methods/(3).F;S.
This course will introduce students to a suite of statistical methods used to address research and applied problems in the fields of geography and planning. The course will include

discussions of geographic data, sampling techniques, probability theory, parametric/non-parametric techniques in hypothesis testing, and introductory spatial statistics. Classes will address conceptual and theoretical aspects of each technique in conjunction with manual and software-based analyses of geographic data. (Same as GHY 3800.) (NUMERICAL DATA) (ND Prerequisite: passing the math placement test or successful completion of MAT 0010.)

5. Change the course descriptions of GHY 4830/PLN 4830, and change the semester offering for GHY 4830 from S. to F;S. The revised course description will read as follows:
GHY 4830. Senior Seminar/(3).F;S.
This course provides a capstone experience, bringing together a variety of geography and planning skills, abilities and knowledge. It integrates academic concepts with real-world experience and helps the student advance from the undergraduate academic environment to a geography career and/or to graduate study. (Same as PLN 4830.) (WRITING; SPEAKING)
PLN 4830. Senior Seminar/(3).S.
This course provides a capstone experience, bringing together a variety of planning and geography skills, abilities and knowledge. It integrates academic concepts with real-world experience and helps the student advance from the undergraduate academic environment to a planning career and/or to graduate study. (Same as GHY 4830.) (WRITING; SPEAKING)

6. Change the title and semester offering of GHY 5800, Quantitative Methods, change the course description and the prerequisite statement; and delete the "Dual-listed with GHY 4800." statement. The revised course description will read as follows:
GHY 5800. Advanced Quantitative and Qualitative Methods in Geography/(3).S.
This course will examine quantitative and qualitative procedures commonly used in the analysis of geographic and planning research problems, including research in both human and physical geography. The course focus will be on applications of quantitative and qualitative procedures in research, but conceptual and theoretical aspects of all procedures will also be discussed. Students will apply quantitative and/or qualitative methods to a geographic topic and will report on the results in a professional quality paper. Prerequisite: GHY 3800 or the equivalent.

7. Change the title of PLN 2410, Introduction to Planning to read as follows:
PLN 2410. Town, City and Regional Planning/(3).F;S.

8. Change the title of PLN 2510, Sophomore Honors Introduction to Planning to read as follows:
PLN 2510. Sophomore Honors Town, City and Regional Planning/(3).F.

9. Add an **undergraduate** certificate program in **Geographic Information Systems (GIS)**. The catalog description will read as follows:

UNDERGRADUATE CERTIFICATE IN GEOGRAPHIC INFORMATION SYSTEMS (GIS)
The undergraduate certificate in Geographic Information Systems (GIS) requires the following 12 semester hours: GHY 2812, GHY 3812, GHY 4812, and GHY 4814. *(A cumulative GPA of 2.5 or higher in those four courses is required for the undergraduate certificate.)* If a student has proficiency in one of the required courses, and is exempted by the geography advisor, one of the following courses may be substituted to satisfy the course requirements for the GIS undergraduate certificate: GHY 2310, GHY 3310, GHY 3820, GHY 4810, or GHY 4900.

10. Revise the course requirements for the B.A. degree in Geography (242A/45.0701) by incorporating the appropriate course changes as noted in numbers 1.-8. above. The change in requirements also allows students a greater choice in geography electives. (The total number of hours required for this degree, 122 s.h., did not change.) The revised catalog description will read as follows:

BACHELOR OF ARTS DEGREE IN GEOGRAPHY (BA)
A major in Geography leading to the Bachelor of Arts degree requires GHY 1010 and GHY 1020 or GHY 1040 as prerequisites. The degree consists of 42 semester hours of geography and planning above the 1999 level. Required courses include GHY 2310, GHY 2812, GHY 3800, GHY 4830, plus PLN 2410; and 27 s.h. of geography electives consists of 3 s.h. each from geographic methods, physical geography, human geography, and regional geography, plus 15 s.h. of geographic electives which must include a minimum of 9 s.h. in 3000 or 4000 level geography courses, and a maximum of 6 s.h. in 3000 or 4000 level planning courses may be applied to the geographic electives. An appropriate foreign language is also required. A candidate for the Bachelor of Arts degree may count NOT more than a total of 40 hours above core curriculum requirements in geography.

11. Revise the course requirements for the B.S. degree in Geography (241*/45.0701) with concentrations in General Geography (241C) and Geographic Information Systems (241D) by incorporating the appropriate course changes as noted in numbers 1.-8. above. The change in requirements also allows students a greater choice in geography electives. (The total number of hours required for this degree, 122 s.h., did not change.) The revised catalog description will read as follows:

BACHELOR OF SCIENCE DEGREE IN GEOGRAPHY (BS)
A major in Geography leading to the Bachelor of Science degree (without teacher licensure) requires GHY 1010 and GHY 1020 or GHY 1040 as prerequisites. Required courses include GHY 2310, GHY 2812, GHY 3800, GHY 4830, and PLN 2410. One of the following concentrations is also required:

1. **The General Geography concentration** requires 27 semester hours of geography electives including 3 s.h. each from geographic methods, physical geography, human geography, and regional geography. The additional 15 s.h. of geographic electives must include a minimum of 9 s.h. in 3000 or 4000 level geography courses; and a maximum of 6 s.h. in 3000 or 4000 level planning courses may be applied to the geographic electives. In addition, the student must take 5-6 s.h. of approved courses in statistics and/or computer applications and a minimum of 15 s.h. in approved ancillary courses.

2. **The Geographic Information Systems (GIS) concentration** requires an additional 21 semester hours of courses including GHY 3310, GHY 3812, GHY 4810, GHY 4812, GHY 4814, and GHY 4900 (6 s.h.). Students take 24 s.h. of geography electives including 3 s.h. each from physical geography, human geography, and regional geography. The additional 15 s.h. of geographic electives must include a minimum of 9 s.h. in 3000 or 4000 level geography courses; and a maximum of 6 s.h. in 3000 or 4000 level planning courses may be applied to the geographic electives. In addition, the student must take 3 s.h. of approved courses in computer applications.

12. Revise the course requirements for the concentration in Geography (291D)[T] under the B.S. degree in Social Sciences, Education (291*/13.1318)[T] by incorporating the appropriate courses changes as noted in numbers 1.-8. above. The change in available elective courses will direct students toward courses they need for teaching social studies.

These changes will be reflected on the revised CHECKSHEET (which is available from the Office of Student Services in the College of Arts and Sciences). The catalog description for this concentration will not change. (The total number of hours required for this degree, 123 s.h., did not change.)

13. Revise the course requirements for the B.S. degree in Community and Regional Planning (218A/04.0301) by incorporating the appropriate course changes as noted in numbers 1.-8. above. The change in requirements also allows students a greater choice in electives; students will continue to be exposed to the many components of the discipline, but will have more flexibility to focus their attention on areas of interest. (The total number of hours required for this degree, 122 s.h., did not change.) The revised catalog description will read as follows:

BACHELOR OF SCIENCE DEGREE IN COMMUNITY AND REGIONAL PLANNING (BS)
A major in Community and Regional Planning leading the Bachelor of Science degree requires GHY 1010 and GHY 1020 or GHY 1040 as prerequisites. The degree consists of a minimum of 59 semesters hours. Required courses include GHY 2310, GHY 3310; PLN 2410, PLN 2812, PLN 3431, PLN 3730, PLN 3800, PLN 4700, PLN 4830, and PLN 4900 (6 s.h.); plus 21 s.h. of approved interdisciplinary and elective courses.

VOTE 3 YES 12 NO 0 ABSTAIN 0

Proposals IDS #7-8 and IDS #10-19 were presented from the Department of Interdisciplinary Studies. Dr. Harriette Buchanan, Acting Chair of the IDS Department distributed revised copies of their proposals. She noted that the corrections include all of the editorial changes as requested from the Registrar's Office.

A motion was made and seconded to consider the proposals from the Department of Interdisciplinary Studies for approval. There was discussion about whether to consider this packet of proposals today, or wait until the members have more time to review the revisions. Dr. Buchanan pointed out that one of the proposals (IDS #7) is to add a new undergraduate minor in interdisciplinary studies, and that the remaining proposals deal with updating existing concentrations under their B.A. degree. She asked the committee to at least consider proposal #7 today because they have current students that need the minor to be effective as of Fall, 2006.

A motion was then approved to separate the IDS packet of proposals, and consider IDS #7 as a separate proposal.

VOTE 4 YES 12 NO 0 ABSTAIN 0

Proposal IDS #7 was approved as amended as follows (EFF. FALL, 2006):

1. Add an undergraduate minor in Interdisciplinary Studies (CIP 24.0101). The catalog description will read as follows:

Minor in Interdisciplinary Studies
The minor in Interdisciplinary Studies consists of 18 semester hours. Of these, twelve are required, and six are elective. The twelve required hours correspond to the core of the IDS major program and

provide a comprehensive introduction to the central practical and conceptual concerns of interdisciplinary studies.

1. Required IDS minor core (12 s.h.):
   IDS 3000, Histories of Knowledges (3 s.h.)
   IDS 3150, Interdisciplinary Praxis (3 s.h.)
   IDS 3300, Seminar I (3 s.h.)
   IDS 3700, Seminar II (3 s.h.)

   (Note: IDS 3000 and IDS 3150 are prerequisites for IDS 3300 and IDS 3700.)

2. Elective courses (6 s.h.):
   Two IDS courses numbered 2000 or above, one of which must be at the 3000 or 4000 level.

VOTE 5 **YES 12** **NO 0** **ABSTAIN 0**

Discussion then followed about considering the remaining proposals (#8, and #10-19) from the Department of Interdisciplinary Studies. Members voiced their concerns about this packet having such a large number of editorial changes.

A motion was approved to recommend approval of the remaining IDS proposals with an amendment that stipulates that all corrections to catalog degree descriptions or checksheets, and any other differences be taken care of by the Department of Interdisciplinary Studies without delay.

VOTE 6 **YES 12** **NO 0** **ABSTAIN 0**

Proposals IDS #8, and #10-19 were approved as amended as follows (EFF. FALL, 2006):

1. Revise the course requirements for the undergraduate minor in Asian Studies (206/45.0201) by adding ANT 2700 to the list of "Elective courses:" (The total number of hours required for the minor, 18 s.h., did not change.) (NOTE: A copy of the catalog description is on file in the Office of Academic Affairs.)

2. Revise the course requirements for the concentration in American Studies (250B) under the B.A. degree in Interdisciplinary Studies (250*/24.0101) by deleting ART 3330 and HIS 3422 from the list of optional courses under "3. Select 6 or more hours from the following:" (The total number of hours required for the degree, 122 s.h., did not change.) (NOTE: A copy of the catalog description is on file in the Office of Academic Affairs.)

3. Revise the course requirements for the concentration in Environmental Policy and Planning (250D) under the B.A. degree in Interdisciplinary Studies (250*/24.0101) by deleting ECO 4620 from the list of optional courses under "AREA I: Economics/Anthropology" and correct the title of ANT 4565 under that same Area I. (The total number of hours required for the degree, 122 s.h., did not change.) (NOTE: A copy of the catalog description is on file in the Office of Academic Affairs.)

4. Revise the course requirements for the concentration in International Studies: Asia (250F) under the B.A. degree in Interdisciplinary Studies (250*/24.0101) by adding ANT 2700 to

the list of optional courses for the "India" category under "3. Select 12 hours from the following courses:" (The total number of hours required for the degree, 122 s.h., did not change.) (NOTE: A copy of the catalog description is on file in the Office of Academic Affairs.)

5. Revise the course requirements for the concentration in International Studies: East European, Russian and Central Asian Studies (250O) under the B.A. degree in Interdisciplinary Studies (250*/24.0101) by deleting PS 5040 from the list of optional courses under "3. Select 12 hours from the following courses:" (The total number of hours required for the degree, 122 s.h., did not change.) (NOTE: A copy of the catalog description is on file in the Office of Academic Affairs.)

6. Revise the course requirements for the concentration in International Studies: Germany (250P) under the B.A. degree in Interdisciplinary Studies (250*/24.0101) by deleting GER 3030 from the list of "2. Required courses" and by adding MKT 4550, PS 3210, PS 4270, and PS 4741 to the list of optional courses under "3. Select 9 hours from the following courses:" (The total number of hours required for the degree, 122 s.h., did not change.) (NOTE: A copy of the catalog description is on file in the Office of Academic Affairs.)

7. Revise the course requirements for the concentration in International Studies: Modern Europe (250H) under the B.A. degree in Interdisciplinary Studies (250*/24.0101) by adding the following statement: "1. Intermediate proficiency in a foreign language is required, particularly any of the languages of modern Europe."; by adding PS 4741 to the list of optional political science or philosophy & religion courses under "2. Required courses:"; and, under "3. Select 12 hours from the following courses:" revise "Area I" by adding ANT 4220, PS 3320, PS 4220, and PS 4721; and deleting PS 2240 and PS 3210; and revise "Area III" by adding the following optional courses: ART/MUS/P&R 2013, ENG 3171, ENG 3172, and THR 3735. (The total number of hours required for the degree, 122 s.h., did not change.) (NOTE: A copy of the catalog description is on file in the Office of Academic Affairs.)

8. Revise the course requirements for the concentration in International Studies: Third World (250J) under the B.A. degree in Interdisciplinary Studies (250*/24.0101) by adding ANT 2700 to the list of optional courses in "Area I" under "2. Required courses: select 24 hours from the following courses - one course from each area."; by adding PS 4721 and PS 4745 to "Area IV"; and by adding ART 3700 and MUS 2018 to "Area V." (The total number of hours required for the degree, 122 s.h., did not change.) (NOTE: A copy of the catalog description is on file in the Office of Academic Affairs.)

9. Revise the course requirements for the concentration in Internet Studies (250Q) under the B.A. degree in Interdisciplinary Studies (250*/24.0101) by adding ART 3800 to the list of optional courses under "2. Culture/Politics courses:" (The total number of hours required for the degree, 122 s.h., did not change.) (NOTE: A copy of the catalog description is on file in the Office of Academic Affairs.)

10. Revise the course requirements for the concentration in Liberal Studies: Modern Period (250L) under the B.A. degree in Interdisciplinary Studies (250*/24.0101) by adding MUS 2013 to the list of optional courses in "Area III" under "1. Required courses: select 24 hours from the following courses - one course from each area."; and by deleting ART 3330, ART

3430, THR 2013, and THR 3735 from "Area III." (The total number of hours required for the degree, 122 s.h., did not change.) (NOTE: A copy of the catalog description is on file in the Office of Academic Affairs.)

11. Revise the course requirements for the concentration in Women's Studies (250N) under the B.A. degree in Interdisciplinary Studies (250*/24.0101) by adding section "b. Select one feminist theory course: IDS/P&R/PS 3530 Selected Topics: Feminist Theory or P&R 3030 Feminist Philosophy or P&R 3532 Selected Topics: Queer Theory." under "1. Required courses:"; by deleting HIS 5530 and HPC 5130 from the list of optional "Social Science courses:"; and within that same area, correct the title of SOC 4650. (The total number of hours required for the degree, 122 s.h., did not change.) (NOTE: A copy of the catalog description is on file in the Office of Academic Affairs.)

VOTE 7 YES 11 NO 0 ABSTAIN 1

Dr. Richard Henson noted that two sets of proposals were actually distributed from the Department of Physics and Astronomy (one set for today's meeting, and two additional proposals for the February meeting). Members were asked to bring their copies of those two proposals (#6 and #8) back for consideration at the February 1, 2006 AP&P Committee meeting.

Proposals PHY AST 05, #1-5, #7, and #9-15 from the Department of Physics and Astronomy were approved as amended as follows (EFF. FALL, 2006):

1. Course deletion:
   AST 2002. Observational Astronomy II/(3).S.

2. Course additions:
   AST 3001. Techniques in Astronomical Photometry/(3).S.Even-numbered years.
   A study of advanced techniques of modern astronomical photometry. Lecture topics include solid state (CCD) imaging hardware, image processing software and techniques, filters and color systems, and CCD aperture photometry. Observations will be conducted at the campus observatory, emphasizing the use of the techniques studied in the lecture. Lecture two hours, laboratory two hours. Prerequisite: AST 2001.

   AST 3002. Techniques in Astronomical Spectroscopy/(3).S.Odd-numbered years.
   A study of advanced techniques of modern astronomical spectroscopy. Lecture topics include basic and advanced stellar spectrograph designs, stellar spectral classification, and applications of spectroscopic data to the determination of radial velocities and chemical abundances. Observations will be conducted at the campus observatory, emphasizing the use of the techniques studied in the lecture. Lecture two hours, laboratory two hours. Prerequisite: AST 2001.

   AST 3530-3549. Selected Topics/(1-4).On Demand.
   Selected topics courses may be taught on any of a number of special and current topics in astronomy. For instance, Robotic Exploration of the Solar System; Supernovae; Neutron Stars and Black Holes. Prerequisites: AST 1001 and AST 1002.

3. Change the title and course description of AST 2001, Observational Astronomy I to read as follows:

AST 2001. Observational Astronomy/(3).F.

An introduction to the operation of astronomical instruments and to the acquisition and analysis of astronomical data. Topics to be covered will include, among others, astronomical coordinates and time systems, planning of observational programs, telescope and instrumentation operation and basic digital image analysis. Observations will be conducted at the campus observatory, emphasizing the use of the techniques studied in the lecture. Lecture two hours, laboratory two hours. Prerequisite: AST 1002.

4. Decrease the credit hours for AST 3200 from (3 s.h.) to (2 s.h.), change the semester offering from S.Odd-numbered years. to On Demand, change the prerequisite statement, delete the laboratory from AST 3200, and delete the **C (COMPUTER** special designator (UPON APPROVAL FROM THE CORE CURRICULUM COUNCIL). The revised course description will read as follows:

AST 3200. Astromechanics/(2).On Demand.

An introduction to classical and modern techniques in the study of orbiting celestial bodies. Lecture topics will include the solution of the 2-body problem with applications to comet orbits, the restricted 3-body problem, and solutions to the n-body problem. Prerequisites: PHY 1103 or PHY 1150; and MAT 1120. Lecture two hours.

5. Change the grading system for AST 3560, Undergraduate Research/(1-3).On Demand. from the A-F letter grading to "Graded on an S/U basis." and change the course description to read as follows:

AST 3560. Undergraduate Research/(1-3).On Demand.

The student will participate in on-going faculty-directed research. This will include involvement in the solution of a theoretical problem or in experimental work such as the design of an experiment or experimental apparatus, acquisition of data, and/or data reduction and analysis. The work may also include presentation of the results in scholarly publications or at professional meetings. Course may be repeated for a total credit of up to four semester hours. Graded on an S/U basis.

6. Change the titles and semester offerings for PHY 1103-PHY 1104. General Physics/(4-4).F-S., and add a prerequisite statement for PHY 1104 to read as follows:

PHY 1103-PHY 1104. General Physics I-II/(4-4).F;S.-F;S.

A study of the basic principles of physics including mechanics, thermodynamics, sound, electricity and magnetism, optics, and modern physics. Corequisite for PHY 1103: MAT 1020 or MAT 1025 or the equivalent. Prerequisite for PHY 1104: PHY 1103 or the equivalent. Lecture three hours, laboratory two hours. (NUMERICAL DATA) (CORE: NATURAL SCIENCES) (ND Prerequisite: passing the math placement test or successful completion of MAT 0010.)

7. Change the titles and semester offerings for PHY 1150-PHY 1151. Analytical Physics/(5-5).F-S., change the course description, and add a corequisite statement for PHY 1151 to read as follows:

PHY 1150-PHY 1151. Analytical Physics I-II/(5-5).F;S.-F;S.

An analytical and quantitative treatment of physics at a somewhat more advanced level than the PHY 1103-PHY 1104 sequence using calculus. Intended primarily for students majoring in the natural sciences, mathematical sciences and pre-engineering. Topics covered include

mechanics, heat, light, sound, electricity, magnetism and quantum phenomena. Corequisite for PHY 1150: MAT 1110. Corequisite for PHY 1151: MAT 1120. Lecture four hours, laboratory three hours. (NUMERICAL DATA) (CORE: NATURAL SCIENCES) (ND Prerequisite: passing the math placement test or successful completion of MAT 0010.)

8. Change the title and course numbering of PHY 3000, Microcomputer Methods in Physics to PHY 4020, increase the credit hours from (2 s.h.) to (3 s.h.), change the semester offering from S. to F., revise the course description, and add the dual-listing of PHY 5020*. The revised course description will read as follows: [DELETE PHY 3000, and ADD PHY 4020 & PHY 5020*.]

PHY 4020. Computational Methods in Physics and Engineering/(3).F.
A course designed to introduce the student to modern techniques and algorithms in computational physics, involving solutions of real physical systems using techniques from interpolation, optimization, non-linear least squares, the numerical integration of ordinary and partial differential equations, Monte Carlo methods, Fourier analysis and stability analysis. Applications of these techniques will be selected from the areas of mechanics, optics, modern physics, astrophysics, engineering, signal processing, and electromagnetism. Programming will be carried out in a computer language such as ‘C’ or Fortran. Prerequisites: PHY 2010, MAT 2130 or permission of the instructor. Lecture two hours, laboratory two hours. (COMPUTER) *[Dual-listed with PHY 5020.]**

**PHY 4020 will be dual-listed at the graduate level with PHY 5020 following approval by the Graduate Council and the AP&P Committee to add the new course: PHY 5020, which is expected to be presented for approval at the February 1, 2006 AP&P Committee meeting.*

9. Change the grading system for PHY 3560, Undergraduate Research/(1-3).On Demand. from the A-F letter grading to “Graded on an S/U basis.” and change the course description to read as follows:

PHY 3560. Undergraduate Research/(1-3).On Demand.
The student will participate in on-going faculty-directed research. This will include involvement in the solution of a theoretical problem or in experimental work such as the design of an experiment or experimental apparatus, acquisition of data, and/or data reduction and analysis. The work may also include presentation of the results in scholarly publications or at professional meetings. Course may be repeated for a total credit of up to four semester hours. Graded on an S/U basis.

10. Change the title and course numbering of PHY 3730, Analog Circuit Analysis to PHY 4730, revise the course description, change the corequisite statement, and add the dual-listing of PHY 5730*. The revised course description will read as follows: [DELETE PHY 3730, and ADD PHY 4730 & PHY 5730*.]

PHY 4730. Analog Systems/(3).F.
The theory and operation of DC and AC circuits with discrete passive and active components. Included are resistors, capacitors, inductors, diodes, bipolar transistors, field effect transistors, and operational amplifiers. An in-depth analysis of circuit theorems, phasors, differential equations, and simulations predicting the behavior of systems of analog devices will be explored in lecture and laboratory. The use and limitations of common electronics instrumentation such as multimeters, oscilloscopes, function generators, modulators/demodulators, lock-in amplifiers, and phase detection will also be explored. Lecture two hours, laboratory three hours. Corequisite: PHY 3210 or consent of the instructor. *[Dual-listed with PHY 5730.]**

**PHY 4730 will be dual-listed at the graduate level with PHY 5730 following approval by the Graduate Council and the AP&P Committee to add the new course: PHY 5730, which is expected to be presented for approval at the February 1, 2006 AP&P Committee meeting.*

11. Revise the course requirements for the undergraduate minor in Astronomy (207/40.0801) to reflect the curriculum changes in Astronomy as noted in numbers 1.-5. above. (The total number of hours required for this minor, 22-24 s.h., will not change.) The revised catalog description will read as follows:

An undergraduate minor in Astronomy (22-24 s.h.) consists of AST 1001-AST 1002, and either PHY 1103-PHY 1104 or PHY 1150-PHY 1151. Also required are six semester hours of electives in astronomy at the 2000 level and above.

VOTE 8 YES 12 NO 0 ABSTAIN 0

Dr. Mark Estepp presented the proposals from the College of Fine and Applied Arts for the Department of Technology.

The Industrial Design area proposals TEC-FAA-2005-ID #1-12 (and one memo FIO) from the Department of Technology were approved as amended as follows **[*The approval of proposal #8 (regarding TEC 4557/TEC 5557 to ID 4557/ID 5557 course numbering, title and prerequisite changes) was made CONTINGENT UPON APPROVAL BY THE GRADUATE COUNCIL.]*** (EFF. FALL, 2006):

For Information Only:

- Change the prefix of TEC 1001 to ID 1001.
  [DELETE TEC 1001, and ADD ID 1001.]
  ID 1001. Technical Drafting/(4).F;S. with **C (COMPUTER)** special designator.

- Change the prefix of TEC 4802 to ID 4802 and change the prerequisite statement for ID 4802 to read as follows: "Prerequisite: ID 4801."
  [DELETE TEC 4802, and ADD ID 4802.]
  ID 4802. Senior Design Studio II/(5).

1. Add a new course prefix, **ID (Industrial Design)** to the Department of Technology.

2. Course deletion:
   TEC 4601. Advanced Computer-Aided Drafting and Design/(3).F;S. **(COMPUTER)**

3. Course additions:
   ID 2211. Design Drawing II/(3).S.
   This course will introduce basic marker drawing principles and techniques as important tools for visual thinking and communication of design ideas. The primary emphasis will be on ballpoint and marker (Prismacolor or Pantone, etc.) rendering. Experimentation with different media will be encouraged (Prismacolor pencils, pastels, etc.). Lecture two hours, laboratory two hours. Prerequisite: ID 2201.

   ID 3711. Junior Design Studio II/(4).S.
   This course will continue the more intensive development of a design process methodology

for the design student. Communication of this process will be a primary focus through the documentation and presentation of all work throughout the semester. Students will have a series of design projects providing opportunities to explore various materials and processes; as well as addressing contemporary design issues and design theory. Potential projects may include intermediate furniture design, exhibit design, improving the ergonomics of existing products and package design. Lecture two hours, laboratory four hours. Prerequisite: ID 3701.

ID 3801. CADD I: 3D and Solid Modeling/(3).F;S.
An in-depth study and application of 3D and solid modeling CADD (computer-aided design and drafting). Focus is on visualization, use and selection of software, and technical illustration techniques for creating rendered images. Units include: 3D free form design, structured design, reverse engineering modeling, and the use of photography and other media in CADD. Lecture two hours, laboratory two hours. Prerequisite: ID 1001 or permission of the instructor.

ID 4401. CADD II: Animation and Multimedia Presentation/(3).S.
Students in this course will have the opportunity to conduct an in-depth exploration of CADD systems for the development of animations and the creation of multimedia presentations. Units will include: uses of animation as related to design, time lines, animation rendering techniques, output methods, and user interactivity. Sample work will be organized and displayed as a digital portfolio. Lecture two hours, laboratory two hours. Prerequisites: ID 3801 and GRA 3102.

ID 4811. Professional Practice in Industrial Design/(1).F;S.
As students prepare for careers in industrial design areas, they need a strong portfolio of design work when looking for a professional position. The design portfolio is the primary means of communication to illustrate problem-solving, freehand sketching, computer-based design skills and model-making. This course guides the student through the process of portfolio design, assembly and construction. It prepares the student for the interview process and it also prepares the student to compete for the available professional design positions.

4. Change the prefix and title of TEC 2011, Product Design, to ID 2011 to read as follows: [DELETE TEC 2011, and ADD ID 2011.]
ID 2011. Introduction to Product Design/(4).F;S. with **W (WRITING)** designator.

5. Change the prefix and title of TEC 2201, Design Drawing, to ID 2201 to read as follows: [DELETE TEC 2201, and ADD ID 2201.]
ID 2201. Design Drawing I/(3).F;S.

6. Change the prefix and title of TEC 4557/TEC 5557, Manufacturing Production Techniques, to ID 4557/ID 5557, change the course description, change the lab hours, and add a prerequisite statement: [DELETE TEC 4557 & TEC 5557, and ADD ID 4557 & ID 5557.]
ID 4557. Design for Manufacture/(3).F.
The design, development, and mass production of a manufactured product. To include market survey, design selection, prototype construction, development of jigs and fixtures, and implementation of process planning and control systems. Lecture two hours, laboratory two hours. Prerequisite: ID 3701 or permission of the instructor. (SPEAKING) [Dual-listed with ID 5557.]

(CONTINGENT UPON APPROVAL BY THE GRADUATE COUNCIL.)
ID 5557. Design for Manufacture/(3).F.
The design, development, and mass production of a manufactured product. To include market survey, design selection, prototype construction, development of jigs and fixtures, and implementation of process planning and control systems. Lecture two hours, laboratory two hours. [Dual-listed with ID 4557.]

7. Change the prefix, the course numbering, and the title of TEC 4701, Junior Design Studio, to ID 3701, change the semester offering and the prerequisite statement to read as follows: "Prerequisites: GRA 3102, ID 2201, TEC 2004, TEC 2005 and declared major in Industrial Design." [DELETE TEC 4701, and ADD ID 3701.]
ID 3701. Junior Design Studio I/(4).F.

8. Change the prefix of TEC 4801 to ID 4801 and change the prerequisite statement for ID 4801 to read as follows: "Prerequisite: ID 3711."
[DELETE TEC 4801, and ADD ID 4801.]
ID 4801. Senior Design Studio I/(5).F.

9. Revise the course requirements for the concentration in Product Design under the B.S. degree in Industrial Design. *[NOTE: Approval of the B.S. degree in Industrial Design is CONTINGENT UPON APPROVAL FROM GENERAL ADMINISTRATION (as previously noted in the November 30, 2005 AP&P Committee Minutes).]* Change the number of hours required in the major from 77 s.h. to 82 s.h. by deleting the 32 s.h. of "technical specialization courses" and by adding 37 s.h. of required "industrial design courses." (The total number of hours required for this degree changed from 123 s.h. to 128 s.h.). The revised catalog description will read as follows:

A Bachelor of Science degree in Industrial Design with a concentration in Product Design consists of 82 semester hours. The product design concentration includes 14 s.h of introductory courses: ID 1001, ID 2011, ID 2201, and COM 2101 ("C" minimum); 16 s.h. of required materials and processes courses: ID 2211, TEC 2004, TEC 2005, TEC 2116, and TEC 3039; 37 s.h. of required industrial design courses: GRA 3102, ID 3701, ID 3711, ID 3801, ID 4401, ID 4557, ID 4801, ID 4802, ID 4811 and TEC 4900 (6 s.h.); 6 s.h. of TEC electives; and 9 s.h. of electives outside the Department of Technology. A minimum grade of "C" (2.0) is required in each Department of Technology major course. Core curriculum requirements include ART 2011 or ART 2130, MAT 1020 or higher, and TEC 2029. Two semester hours of free electives outside the major discipline are required. (No minor is required.)

VOTE 9 YES 10 NO 0 ABSTAIN 2

OLD BUSINESS:
Ms. Joni Petschauer presented the final report and recommendations from the AD HOC COMMITTEE TO REVIEW THE REVISED AP&P MANUAL. The Committee was prepared to present their final report at the November 30, 2005 AP&P meeting, but there was not enough time. Since that meeting, there has been another change that needs to be noted. A correction to number "20. Grade Changes" was distributed at today's meeting.

Ms. Petschauer acknowledged and thanked all of the subcommittee members (Dr. Jon Beebe, Dr. Mark Estepp, Dr. Dan Hurley, Dr. Ron Marden, Mr. Don Rankins, and Dr. Gayle Weitz) for the

many hours of committee work, and the attention to detail in preparing the final draft of the new ACADEMIC GOVERNANCE HANDBOOK.

Dr. Butts thanked Ms. Petschauer and the subcommittee members for making their report and he noted that, as a policy, the full committee needs to vote on the document itself. He also explained that the report comes to us from the subcommittee, so it does not need a second for discussion.

In consideration of the amount of time we have remaining to meet today, Dr. Butts pointed out that the policy section of this Handbook, "Section D. Specific Academic Issues" is the most important part to consider for approval so that the policies already in effect may be posted on-line for access to all faculty, staff and students.

A motion was then approved to separate consideration of the ACADEMIC GOVERNANCE HANDBOOK into two parts: 1) Section D., and 2) Sections A., B., and C.

VOTE 10 YES 12 NO 0 ABSTAIN 0

The AP&P Committee members then asked questions and voiced concerns about specific policies. Ms. Petschauer and Dr. Dan Hurley (both members of the subcommittee) pointed out that the subcommittee did not make any changes to the existing policies in Section D. The subcommittee had no intention of changing the policies - their responsibility was to update the 1990 edition of the AP&P Manual to reflect current academic policies at Appalachian State University. They also noted that any recommendations for changes to existing policies should come to the AP&P Committee following the current AP&P process.

A motion was approved to publish, in one place, the academic policies as stated in "Section D. Specific Academic Issues" of the ACADEMIC GOVERNANCE HANDBOOK.

VOTE 11 YES 12 NO 0 ABSTAIN 0

Dr. Butts noted that consideration of Sections A., B., and C. is on the floor for action, but he also noted the time of 4:55 p.m. This committee meeting must adjourn at 5:00 p.m. unless a motion is made to extend the meeting.

A motion was approved to delay debate on the remaining Sections: A., B., and C. of the ACADEMIC GOVERNANCE HANDBOOK until the next AP&P Committee meeting, which is scheduled to be held on February 1, 2006.

VOTE 12 YES 12 NO 0 ABSTAIN 0

Dr. Butts encouraged all members to send any questions or concerns regarding Sections A., B., or C. to Ms. Joni Petschauer and/or to Mr. Don Rankins by email prior to our next meeting.

ADJOURNMENT:
The AP&P Committee members voted to adjourn at 5:00 p.m.

VOTE 13 YES 12 NO 0 ABSTAIN 0

ACADEMIC POLICIES AND PROCEDURES COMMITTEE
January 11, 2006
Vote Record

VOTE SYMBOLS y (YES) N (NO) A (ABSTAIN)

Committee Members	1	2	3	4	5	6	7	8	9	10	11	12	13
Jon Beebe	y	y	y	y	y	y	y	y	y	y	y	y	y
John Boyd	-	-	-	-	-	-	-	-	-	-	-	-	-
Jeff Butts	y	y	y	y	y	y	y	y	y	y	y	y	y
Eleanor Cook	y	y	y	y	y	y	y	y	y	y	y	y	y
Mike Dotson	-	-	-	-	-	-	-	-	-	-	-	-	-
Eric Groce	y	y	y	y	y	y	y	y	y	y	y	y	y
Julie Horton	-	-	-	-	-	-	-	-	-	-	-	-	-
Dan Hurley	y	y	y	y	y	y	y	y	y	y	y	y	y
Mark Malloy	y	y	y	y	y	y	y	y	y	y	y	y	y
Ron Marden	y	y	y	y	y	y	y	y	y	y	y	y	y
Sammye Sigmann	y	y	y	y	y	y	y	y	y	y	y	y	y
Kristi Thomas	y	y	y	y	y	y	y	y	y	y	y	y	y
Joseph Henderson	y	y	y	y	y	y	y	y	A	y	y	y	y
Jason Radford	y	y	y	y	y	y	y	y	y	y	y	y	y
Justin Viens	y	y	y	y	y	y	A	y	A	y	y	y	y

****

The recommendations of the Academic Policies and Procedures Committee, at its January 11, 2006 meeting are approved.

Stanley R. Aeschleman *1/24/06*

Stanley R. Aeschleman — Date
Provost and Executive Vice Chancellor

****