MINUTES THE WEST VIRGINIA UNIVERSITY FACULTY SENATE February 13, 2006

1. Professor Mike Lastinger, Faculty Senate Chair, called the meeting to order at 3:15 PM in Assembly Rooms A/B, NRCCE. He asked that a moment of silence be taken for WVU student Ryan Johnston.

Member Present:

Abbott, J.	Dillis, C.	Janson, D.	Napolitano, M.	Selin, S.
Ameri, S.	Dixon, S.	Johnson, D.	Nath, C.	Steranka, P.
Atkins, C.	Douglas, W.	Kershner, R.	Nelson, C.	Stockdale, T.
Bergner, G.	Etzel, E.	Kite, S.	Nutter, R.	Stolzenberg, A.
Bilgesu, I.	Garbutt, K.	Kleist, V.	Olson, K.	Tauger, M.
Bowen, E.	Gerbo, R.	LaGodna, B.	Outterson, K.	Townsend, C.
Brooks, R.	Gladwin, M	Lastinger, M.	Panaccione, D.	Verlinden, S.
Brown, G.	Graeber, J.	Latimer, M.	Peace, G.	Walker, W.
Bryan, W.	Held, J.	Lively, M.	Perry, J.	Weihman, L.
Burton, J.	Hill, R.	Long, K.	Petronis, J.	Wilcox, G.
Campbell, L.	Hoey, J.	Mandich, M.	Richards, A.	Wilkinson, C.
Canfield, P.	Hornak, L.	McCutcheon, T.	Riemenschneider, S.	Woloshuk, J.
Clark, N.	Hornsby, G.	McNerney, K.	Royall, B.	Yeater, R.
Cohen, S.	Howard, S.	Miller, M.	Ruscello, D.	
Cumming, J.	Iskander, W.	Mutz, C.	Sand-Jecklin, K.	
Dedhia, H.	Jacknowitz, A.	Myers, T.	Sedgeman, J.	

Members Absent:

Almond, C.	D'Souza, G.	Mays, M.	Putman, H.	Rllrich, I.
Behling, R.	Elmore, S.	McDiarmid, M.	Rassekh, C.	Valentine, S.
Branch, D.	Griffith, R.	Milhoan, P.	Riley, W.	Van Loo, I.
Brown, P.	Grose, K.	Morgan, D.	Robbins, J.	Voelker, J.
Bryner, R.	Harris, B.	Mullett, C.	Rosen, C.	Wilson, R.
Cook, L.	Hurst, M.	Nuss, M.	Sexstone, A.	Wright, F.
Cottrell, L.	Jackson, K.	Ogershok, P.	Shambaugh, N.	
Culberson, J.	Kuhlman, J.	Price, S.	Temple, J.	

2. President Hardesty said it is a tragic time on campus when it loses a student. He said Ryan Johnston died last week, and the investigation is still underway. The President said Ryan was known as a great student with a wonderful smile that came from a wonderful family. He asked that faculty members and administrators learn from the situation and share what is learned.

The President said the Joint Governing Board members were on campus this weekend, as well as the Board of Governors, the Foundation Board members and members of the Alumni Association. WVU continues to be in a sound financial condition due to enrollment, research growth and the increasing entrepreneur mentality of faculty and staff. WVU successfully transitioned to a new governor who has shown a real interest in the University. He said there has been athletic success in several sports, and it has been a good fund-raising year. Buildings are on schedule, and procedures for the Board of Governors have changed. The

good year has also brought the impression of a successful school, and in some areas, hiring is being done in significant numbers.

WVU is the only Institution to go to the Elite 8 in basketball and BCS in football, which has given national promise. 17,000 people attended the Sugar Bowl. The Sugar Bowl game featured the Forensics program. He said CNN visited and did a 7-1/2 minute segment on the Forensics program, which ran twice on January 2, 2006. WVU is getting national exposure not only in this area, but the miner from the SAGO mine was nationally recognized as well. Larger crowds are being drawn to WVU; people know of the academic programs as well as the athletic programs.

The President said the latest development is the pending gift from Dow Chemical to create a Charleston area campus and research park. There is a lot of opportunity coming from the national exposure that WVU is receiving, but the President cautioned the board members to not take it for granted and to not become complacent because he said challenges will indeed come. State funding projections, while good this year, have their limits and it is anticipated that state expenditures will exceed state revenue collections in 2 or 3 years; thus, there will be higher tuition to replace the revenue, and scholarship money will have to be raised. The President said marketing efforts will have to be increased; the Institution will rely on other opportunities; for instance, more private giving and more student research. He said congress is cutting back to balance the budget; therefore, it will hurt higher education. There will be large numbers of retirements for faculty and staff in the next few years, and they will have to be replaced. Competition is real; flagship Universities now see WVU as a competitor. Human Resource systems will need to be brought into alignment with what will support our modern-day University. Regional campuses are not participating at the same extent as WVU; recent discussions have addressed enrollment issues for WVU-Tech. The President said challenges remain and individual and collective action will have to be taken to make sure WVU stays on top of the game.

The President stood for questions.

- 3. Chair Lastinger said the Higher Education Policy Commission (HEPC) met on Friday, February 3, 2006, and the Advisory Council of Faculty (ACF) met in the afternoon. The following activities and initiatives were discussed at those meetings:
 - The Search Committee is narrowing down the list of candidates for a new chancellor.
 - Clark Egnor, from the International Programs at Marshall, gave a presentation concerning, "internationalizing the curriculum in higher education".
 - A conference will be held in Charleston on February 24-25th (more information concerning the conference will be forthcoming).
 - House Bill 4049 involves funding for the Promise Scholarship, which is engaged with the reorganization of the HEPC.
 - The reorganization would include representatives from the ACF, the ACCE (advisory council of classified employees), the head of EPSCOR (competitive research initiative), and representatives from higher education at large.

- Redefinitions of the salary and job descriptions for the chancellor and vice-chancellor of Health Sciences.
- Charles Bayless, President of WVU-Tech, gave a detailed report concerning Dow Chemical, WVU-Tech, WVU, and Marshall University working together toward a new engineering program in Charleston.
- The ACF received a report from Mark Stotler, from the HEPC Office, noting that in Series 23 2008 admission requirements will pose challenges for students meeting math and science requirements.
- The ACF is discussing the annual experience increment (AEI). Two questions involved state funding and the definition of full-time faculty. The ACF takes the position that the AEI should be state funded and that the standard definition of full-time faculty should be used in determining eligibility.
- The BOG met last Friday. A new "Honor's College" has been recognized.
- February 24th will be "Faculty Day at the Capitol" in Charleston; flyers were available concerning this event.
- 4. Ed Pastilong, Director, Internal Administrative Affairs, reported on athletics. He said it was a good time to speak about athletics because of the "winning streak" that has taken place in both basketball and football this year, but he said the competition is great, so it may come to an end soon. Mr. Pastilong said he was proud of the athletic department, but most importantly, that they play by the rules. He said he wants to make sure that the University is proud of the department's accomplishments and that the pride is not tarnished by any errors that may be made in regards to NCAA rules. He said in the last 15 years, the athletic department has been certified twice by the NCAA, and there is an oversight committee in place that works with Brad Cox which meets monthly with the chair of the athletic council, the chief of staff, the University auditor, and the NCAA representative.
- 5. It was moved and duly seconded to approve the minutes from the January 9, 2006 meeting. Motion carried.
- 6. Professor Gwen Bergner, Chair-elect, Senate Curriculum Committee, moved for approval of the following reports:

Annex I, New Courses and Course Changes. She said HIST 115 should be HIST 124. Motion carried.

Annex II, BSMinE Curriculum Revisions. <u>Motion carried</u>. Annex III, The Alteration Report was submitted for information.

- 7. Professor Jim Held, Chair, GEC Committee, moved for approval of the GEC report listed in Annex IV. He said HIST 115 should be HIST 124. Motion carried.
- 8. New Business

Chair Lastinger said Senate Bill 549 was introduced as a new Bill on February 10, 2006. He said the Bill will redefine the role of the Faculty Senate and its relationship with the HEPC; it

can be found at the WV Legislative site. The Chair said the Senate Executive Committee and the Joint Rules Committee will review and discuss the new Senate Bill.

Provost Lang said it has been 4 months since the BOG approved the University's Strategic Plan, and the implementation team has been working diligently on it. The Provost gave an overview concerning, "WVU's 2010 Strategic Plan."

Chair Lastinger read the following article that he had written down several months ago:

"Higher education is increasingly seen as an individual privilege rather than a public good. This is reversal in a trend toward greater access that began nearly a millennium ago with the founding of the first great 'state universities' of the West, at Oxford and at the Sorbonne. The danger today, when private advantage takes priority over the general good is that privilege triumphs over justice and the quest for truth itself is imperiled. The consequent threat to knowledge is moral, intellectual, and economic."

The Chair said Mr. Dan Boroff, Morgantown's City Manager, will speak to the Faculty Senate next month, March 13th. Professor Cohen asked if senators would be available next month since the Faculty Senate meeting falls on spring break. Chair Lastinger said the Executive Committee would review the possibility of changing the meeting date; although, it may be too late to change the date for next month, the Chair said in the future, when the calendar is being set, the Faculty Senate meeting will be taken into consideration.

Professor Clark said in approximately one month, a vote would be taken concerning the TIAA-CREF state teacher's retirement plan. He said the vote may oblige others to move back to the original state teacher's retirement system who are now in the defined contribution plan. He said he would talk with other senators who are interested in this issue.

9. The meeting adjourned at 4:40 p.m. to reconvene on Monday, March 13, 2006.

Barbara Dunn Committee Secretary To: Faculty Senate Executive Committee

From: Mike Mays, Chair, Faculty Senate Curriculum Committee

Date: January 23, 2006

Re: New Courses and Course Changes

EBERLY COLLEGE OF ARTS AND SCIENCES

New Courses:

History

HIST 124. Modern South Asia. 3-Hr. Survey of South Asia from the early modern period to the present: traditional background, Mughal conquest and decline, British Raj, nationalist and independence movements, partitions, independent states, and current issues. (Effective Term: Fall, 2006) (CIP-540101)

Rationale: This course will meet the serious need in GEC system for more courses on non-Western regions. This course is particularly necessary because South Asia (which includes Pakistan and India) is a crucial area of world politics, the war on terror and American foreign policy, and also of the world economy, as many American businesses establish branches in the region and move many U.S. jobs there. Increasing students' knowledge about this region is therefore an extremely important addition to their General Education options. This course also meets an analogous need in the History curriculum: Departmental requirements for majors include a sub-specialization in the non-Western world, and this course would meet a long-recognized need in that area.

HIST 316. World War 1 in Europe. 3-Hr. Impact of World War I in the trenches, on the home front, in the empires; the Peace Settlement and the legacy of Bolshevism, Fascism, cultural pessimism, and financial ruin. (Effective Term: Fall, 2006) (CIP-540101)

Rationale: Twentieth-century history is a departmental strength, yet there is currently no class on the First World War to complement classes on the Third Reich, the Soviet Union, Modern France and Britain, decolonization in the European colonies, and World War II – for all of which the war was self-evidently a decisive moment. Moreover, the department currently has very few 300-level classes. This class will therefore serve a curricular need for courses between the sophomore (200) level and senior-graduate (400) level, open to advanced non-majors as well as majors. It also serves as a prerequisite for the History Capstone class (494 – Introduction to Historical Research) on the same topic. World War I in Europe has been taught three times as a Special Topics class, attracted a healthy enrollment, and received very positive reviews.

DAVIS COLLEGE OF AGRICULTURE, FORESTRY AND CONSUMER SCIENCES

New Courses:

Plant & Soil Sciences

PLSC 453. Organic Crop Production. 3-Hr. PR: PLSC 206, AGRN 202, and AGRN 203 or Consent. Principles, practices, history, philosophy and economics of organic farming and gardening. The National Organic Rule, farm certification, crop/livestock systems and international organic production. (Students may not receive credit for both PLSC 453 and PLSC 553) (Effective Term: Spring, 2006) (CIP 011199)

Rationale: In 1999 the Division of Plant and Soil Sciences started an Organic Research Project which resulted in the certification of the Horticulture Farm as organic. This is one of the first certified organic farms at a Land Grant University. This course was developed in 2002 and taught for 4 years under special topics with an average enrollment of 14 students. This course can be used as a crop science elective in the Agronomy major of the B.S. in Agriculture Degree Program. It can be used as a horticulture elective in the Horticulture major, and as a specialization elective in the Environmental Protection major.

PLSC 553. Organic Crop Production. 3-Hr. PR: PLSC 206, AGRN 202, and AGRN 203 or Consent. Principles, practices, history, philosophy and economics of organic farming and gardening. Crop/livestock systems, national and international research on organic production. (Students may not receive credit for both PLSC 453 and PLSC 553) (Effective Term: Spring, 2006) (CIP 011199)

Rationale: In 1999 the Division of Plant and Soil Sciences started an Organic Research Project which resulted in the certification of the Horticulture Farm as organic. Over 10 Faculty in four Divisions of the Davis College carry out research on the farm. This was developed in 2002 and has been taught for 4 years under Special Topics. Average enrollment has been 6 students. This course can be used to partially fulfill the requirements for the M.S. in plant and Soil Sciences and the Ph.D. in Agricultural Sciences.

Forestry Management

FMAN 440. Forestry Consulting. 3-Hr. PR: FMAN 311, FMAN 330 or consent. The application of forest management principles and business concepts to the consulting forestry profession. Topics include: natural resource inventories, timberland appraisals, timber sale administration, and forest management planning. (Effective Term: Spring, 2007) (CIP 030506)

Rationale: Approximately 80% of the forest land in WV is owned by non-industrial, private landowners. Increasingly, these 260,000 owners are depending on private consulting foresters for forest management assistance. Despite the growing importance of forestry consulting, no coursework is available for students interested in this career option. This elective course will provide interested students with an in-depth exposure to the forestry consulting profession.

Course Change:

Human Nutrition and Foods

From

HNF 348. Science of Food Preparation. 2-Hr. Explore functional properties of ingredients and applied scientific theories to food preparation.

<u>To</u>

HNF 348. Science of Food Preparation. 2-Hr. PR: BIOL 102 and BIOL 104 and PR or Conc, FDST 200 and CHEM 116. To explore functional properties of ingredients and applied scientific theories to food preparation. (Effective Term: Spring, 2006) (CIP 190501)

Rationale: Lecture objectives of current courses are being met through another existing course, FDST 200. Requirements for accreditation of the B.S. degree in Human Nutrition and Foods by the American Dietetic Association include demonstration and application of principals to support course learning. This course change would add FDST 200 as a pre or co-requisite lecture course so that the need of the lecture portion HNF 348 will be eliminated. The revised HN&F 348 laboratory course will be modified to reinforce and expand on topics taught in FDST 200 with the inclusion of a one hour lecture. The proposed will not affect the total credit hours for the Human Nutrition and Foods undergraduate curriculum.

SCHOOL OF JOURNALISM

New Course:

JRL 279. Documentary Film in America. 3-Hr. This course, through viewings, readings, lectures and speakers will survey the history of documentary film in America and the ever-growing diversity of documentaries, influenced by the political, economic and social forces of their day. (Effective Term: Spring, 2006) (CIP 090401)

Rationale: This course will survey the history of documentary film in America and help students develop critical thinking skills about the medium through analysis of some of the most significant documentaries in American history.

Students will also develop a breadth of knowledge about America's entwined history with documentaries and the political, social, and economic influences they had upon them, as well as, documentary's journalistic role in sparking national issues and debates, uncovering government secrets and/or revealing unlikely, but important, individuals or hidden segments of society.

COLLEGE OF ENGINEERING AND MINERAL RESOURCES

New Courses:

ENGR 588. Grad Co-Op Experience. 1-Hr. PR: Consent. Pre-arranged graduate co-op experience in student's major. Involves placement with a public or private employer. Includes employer supervision during employment and faculty evaluation after. (Effective Term: Summer, 2006) (CIP-147777)

Rationale: Graduate students in engineering, computer science, industrial hygiene and safety management often find it necessary and beneficial to spend a semester working in industry or

with a government agency in their field of study to compliment or enhance the experience and to obtain specific knowledge pertinent to their research. Many of these employers require students to be enrolled in the Cooperative Education Program at their institution. Currently, ENGR 488 is used by undergraduates and ENGR 588 would accomplish this for graduate students.

Computer Science

CS 556. Distributed & Pervasive Compt. 3-Hr. PR: CS 350 or Consent. An in-depth study of distributed computing paradigms, standards, and applications that can exploit this paradigm and the emerging pervasive computing infrastructure. (Effective Term: Spring, 2006) (CIP-110701)

Rationale: The internet has now become the "computer". The emergence of mobile, pervasive and wearable computers, wireless infrastructures, and distributed computing standards provide us an opportunity to build applications that will have profound impact on society. This course will prepare the students to meet that challenge.

COLLEGE OF HUMAN RESOURCES AND EDUCATION

Course Change:

From:

EDUC 301. Learning in Educational Settings. 2-Hr. PR: EDUC 200 and PSYC 101 and one course in human development. Examination and utilization (with initial emphasis upon examination) of learning models and paradigms from behavioral and cognitive perspectives: consideration of learner characteristics, attitudes, motivations, thinking processes, and subject matter content affecting student learning.

EDUC 302. Learning in Educational Settings. 2-Hr. PR: Admission to the major, grade of C or better in both EDUC 301 and EDUC 311. Analysis and application of learning models and paradigms from behavioral and cognitive perspectives, consideration of learner characteristics, attitudes, motivations, thinking processes, and subject matter content affecting student learning.

To:

EDUC 301. Learning in Educational Settings. 3-Hr. PR: EDUC 200, PSYC 101 and one human development course. Examination and utilization of behavioral and cognitive learning models; consideration of learner characteristics and other factors affecting student learning. (Effective Term: Spring, 2006) (CIP-130301)

Rationale: We needed to develop and offer a full 3-hour course that covered the content centered on special needs students. The courses, as offered, had only one chapter coverage of this vital topic. To make space in an already full program, the 4-hour course was revamped to make room for the new course.

MEMORANDUM

TO: Faculty Senate Curriculum Committee

FROM: Felicia F. Peng, Associate Professor, Mining Engineering Curriculum Committee

DATE: October 3, 2005

SUBJECT: Change course title in BSMinE Curriculum, and change MinE 306 from prerequisite

to co-requisite for MinE 483.

Attached please find the old and revised BSMinE Curriculums. The following changes have been made in the Curriculum:

There is one GEC Elective more than required in BSMinE Curriculum. The Mining Engineering Department chooses to replace it with Engineering/Science Technical Elective in Spring Semester of the 4th year rather than remove it from the Curriculum. This change has no impact on the total credit hours of the BSMINE Curriculum.

MinE 483 Mine Design-Exploration Mapping changes the Prerequisite of MinE 306 to Co-requisite for MinE 306. This change has no impact on the total credit hours for the BSMinE Curriculum.

Felicia F. Peng, Mining Engineering Department Curriculum Committee	Date	Elaine M. Eschem, Chair of Undergraduate Academic Affairs, CEMR	Date
Syd S. Peng, Chair of the Department of Mining Engineering	Date	Warren Meyers, Associate Dean for Academic Affairs, CEMR	Date

Revised (New) BSMINE Curriculum

1st Year, Fall Semester	Hrs	1st Year, Spring Semester	Hrs
CHEM 115 Fundamentals of Chemistry	4	GEC Elective	3
ENGL 101 Composition and Rhetoric	3	ENGR 102 Freshmen Engineering Design &	3
ENGR 101 Freshmen Engineering Design	2	Analysis	
ENGR 199 Orientation	1	MATH 156 Calculus	4
GEOL 101 Planet Earth	3	PHYS 111 General Physics	4
GEOL 102 Planet Earth Lab	1	STAT 211 Elementary Statistical Inference	3
MATH 155 Calculus	4	Total Hours:	17
Total Hours:	18		
2nd Year, Fall Semester	Hrs	2nd Year, Spring Semester	Hrs
GEOL 342 Structural Geology for Engineers	3	MAE 242 Dynamics	3
MAE 241 Statics	3	PHYS 112 General Physics	4
MATH 251 Multivariate Calculus	4	MATH 261 Elementary Differential Equations	4
MINE 261 Engineering CAD	2	MAE 331 Fluid Mechanics	3
MINE 201 Mine Surveying	3	MINE 206 Surface Mining Systems	4
MINE 205 Underground Mining Systems	3	Total Hours:	18
Total Hours:	18		
3rd Year, Fall Semester	Hrs	3rd Year, Spring Semester	Hrs
3rd Year, Fall Semester GEC Elective	Hrs 3	3rd Year, Spring Semester GEC Elective	Hrs 3
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GEC Elective	3	GEC Elective	3
GEC Elective MAE 320 Thermodynamics MINE 306 Mining Exploration & Evaluation MINE 382 Mine Power System	3 3	GEC Elective ENGL 102 Composition and Rhetoric	3
GEC Elective MAE 320 Thermodynamics MINE 306 Mining Exploration & Evaluation	3 3 3	GEC Elective ENGL 102 Composition and Rhetoric MAE 243 Mechanics of Materials	3 3 3
GEC Elective MAE 320 Thermodynamics MINE 306 Mining Exploration & Evaluation MINE 382 Mine Power System MINE 461 Application of Mineral Computer Methods	3 3 3 3	GEC Elective ENGL 102 Composition and Rhetoric MAE 243 Mechanics of Materials MINE 331 Mine Ventilation	3 3 3 3
GEC Elective MAE 320 Thermodynamics MINE 306 Mining Exploration & Evaluation MINE 382 Mine Power System MINE 461 Application of Mineral Computer	3 3 3 3	GEC Elective ENGL 102 Composition and Rhetoric MAE 243 Mechanics of Materials MINE 331 Mine Ventilation MINE 427 Coal Preparation	3 3 3 4
GEC Elective MAE 320 Thermodynamics MINE 306 Mining Exploration & Evaluation MINE 382 Mine Power System MINE 461 Application of Mineral Computer Methods	3 3 3 3	GEC Elective ENGL 102 Composition and Rhetoric MAE 243 Mechanics of Materials MINE 331 Mine Ventilation MINE 427 Coal Preparation	3 3 3 4
GEC Elective MAE 320 Thermodynamics MINE 306 Mining Exploration & Evaluation MINE 382 Mine Power System MINE 461 Application of Mineral Computer Methods Total Hours:	3 3 3 3 3	GEC Elective ENGL 102 Composition and Rhetoric MAE 243 Mechanics of Materials MINE 331 Mine Ventilation MINE 427 Coal Preparation Total Hours:	3 3 3 4 16
GEC Elective MAE 320 Thermodynamics MINE 306 Mining Exploration & Evaluation MINE 382 Mine Power System MINE 461 Application of Mineral Computer Methods Total Hours:	3 3 3 3 3 15	GEC Elective ENGL 102 Composition and Rhetoric MAE 243 Mechanics of Materials MINE 331 Mine Ventilation MINE 427 Coal Preparation Total Hours: 4th Year, Spring Semester	3 3 3 4 16
GEC Elective MAE 320 Thermodynamics MINE 306 Mining Exploration & Evaluation MINE 382 Mine Power System MINE 461 Application of Mineral Computer Methods Total Hours: 4th Year, Fall Semester GEC Elective	3 3 3 3 15 Hrs 3	GEC Elective ENGL 102 Composition and Rhetoric MAE 243 Mechanics of Materials MINE 331 Mine Ventilation MINE 427 Coal Preparation Total Hours: 4th Year, Spring Semester GEC Elective	3 3 3 4 16 Hrs 3
GEC Elective MAE 320 Thermodynamics MINE 306 Mining Exploration & Evaluation MINE 382 Mine Power System MINE 461 Application of Mineral Computer Methods Total Hours: 4th Year, Fall Semester GEC Elective MINE 471 Mine and Safety Management	3 3 3 3 15 Hrs 3 4 2	GEC Elective ENGL 102 Composition and Rhetoric MAE 243 Mechanics of Materials MINE 331 Mine Ventilation MINE 427 Coal Preparation Total Hours: 4th Year, Spring Semester GEC Elective GEC Elective	3 3 3 4 16 Hrs 3 3
GEC Elective MAE 320 Thermodynamics MINE 306 Mining Exploration & Evaluation MINE 382 Mine Power System MINE 461 Application of Mineral Computer Methods Total Hours: 4th Year, Fall Semester GEC Elective MINE 471 Mine and Safety Management MINE 411 Rock Mechanics and Ground Control	3 3 3 3 15 Hrs 3 4	GEC Elective ENGL 102 Composition and Rhetoric MAE 243 Mechanics of Materials MINE 331 Mine Ventilation MINE 427 Coal Preparation Total Hours: 4th Year, Spring Semester GEC Elective GEC Elective AGRN 455 Reclamation of Disturbed Soils Eng/Sci Technical Elective** MINE 480 Multidisciplinary Team Project	3 3 3 4 16 Hrs 3 3 3
GEC Elective MAE 320 Thermodynamics MINE 306 Mining Exploration & Evaluation MINE 382 Mine Power System MINE 461 Application of Mineral Computer Methods Total Hours: 4th Year, Fall Semester GEC Elective MINE 471 Mine and Safety Management MINE 411 Rock Mechanics and Ground Control MINE 483 Mine Design-Exploration Mapping	3 3 3 3 15 Hrs 3 4 2	GEC Elective ENGL 102 Composition and Rhetoric MAE 243 Mechanics of Materials MINE 331 Mine Ventilation MINE 427 Coal Preparation Total Hours: 4th Year, Spring Semester GEC Elective GEC Elective AGRN 455 Reclamation of Disturbed Soils Eng/Sci Technical Elective**	3 3 3 4 16 Hrs 3 3 3
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^{*}Technical Elective is MINE 407, MINE 414, or other courses from mining engineering approved by the Department.

For the most recent list of approved courses in the General Education Curriculum, visit the GEC site at WVU Admissions and Records.

^{**}Eng/Sci Technical Elective may be selected from non-mining engineering/science courses, or mining engineering courses approved by the Department.

Old BSMINE Curriculum

1st Year, Fall Semester	Hrs	1st Year, Spring Semester	Hrs
CHEM 115 Fundamentals of Chemistry	4	GEC Elective	3
ENGL 101 Composition and Rhetoric	3	ENGR 102 Freshmen Engineering Design &	3
ENGR 101 Freshmen Engineering Design	2	Analysis	
ENGR 199 Orientation	1	MATH 156 Calculus	4
GEOL 101 Planet Earth	3	PHYS 111 General Physics	4
GEOL 102 Planet Earth Lab	1	STAT 211 Elementary Statistical Inference	3
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GEC Elective MAE 320 Thermodynamics MINE 306 Mining Exploration & Evaluation MINE 382 Mine Power System MINE 461 Application of Mineral Computer Methods Total Hours:	3 3 3 3 15 Hrs	GEC Elective ENGL 102 Composition and Rhetoric MAE 243 Mechanics of Materials MINE 331 Mine Ventilation MINE 427 Coal Preparation Total Hours: 4th Year, Spring Semester	3 3 3 4 16
GEC Elective MAE 320 Thermodynamics MINE 306 Mining Exploration & Evaluation MINE 382 Mine Power System MINE 461 Application of Mineral Computer Methods Total Hours: 4th Year, Fall Semester GEC Elective	3 3 3 3 15 Hrs 3	GEC Elective ENGL 102 Composition and Rhetoric MAE 243 Mechanics of Materials MINE 331 Mine Ventilation MINE 427 Coal Preparation Total Hours: 4th Year, Spring Semester GEC Elective	3 3 3 4 16 Hrs 3
GEC Elective MAE 320 Thermodynamics MINE 306 Mining Exploration & Evaluation MINE 382 Mine Power System MINE 461 Application of Mineral Computer Methods Total Hours: 4th Year, Fall Semester GEC Elective MINE 471 Mine and Safety Management	3 3 3 3 15 Hrs 3 4 2	GEC Elective ENGL 102 Composition and Rhetoric MAE 243 Mechanics of Materials MINE 331 Mine Ventilation MINE 427 Coal Preparation Total Hours: 4th Year, Spring Semester GEC Elective GEC Elective	3 3 3 4 16 Hrs 3 3
GEC Elective MAE 320 Thermodynamics MINE 306 Mining Exploration & Evaluation MINE 382 Mine Power System MINE 461 Application of Mineral Computer Methods Total Hours: 4th Year, Fall Semester GEC Elective MINE 471 Mine and Safety Management MINE 411 Rock Mechanics and Ground Control MINE 483 Mine Design-Exploration Mapping Technical Elective*	3 3 3 3 15 Hrs 3 4 2 3	GEC Elective ENGL 102 Composition and Rhetoric MAE 243 Mechanics of Materials MINE 331 Mine Ventilation MINE 427 Coal Preparation Total Hours: 4th Year, Spring Semester GEC Elective GEC Elective GEC Elective AGRN 455 Reclamation of Disturbed Soils MINE 480 Multidisciplinary Team Project	3 3 3 4 16 Hrs 3 3 3
GEC Elective MAE 320 Thermodynamics MINE 306 Mining Exploration & Evaluation MINE 382 Mine Power System MINE 461 Application of Mineral Computer Methods Total Hours: 4th Year, Fall Semester GEC Elective MINE 471 Mine and Safety Management MINE 411 Rock Mechanics and Ground Control MINE 483 Mine Design-Exploration Mapping	3 3 3 3 15 Hrs 3 4 2	GEC Elective ENGL 102 Composition and Rhetoric MAE 243 Mechanics of Materials MINE 331 Mine Ventilation MINE 427 Coal Preparation Total Hours: 4th Year, Spring Semester GEC Elective GEC Elective GEC Elective AGRN 455 Reclamation of Disturbed Soils	3 3 3 4 16 Hrs 3 3 3
GEC Elective MAE 320 Thermodynamics MINE 306 Mining Exploration & Evaluation MINE 382 Mine Power System MINE 461 Application of Mineral Computer Methods Total Hours: 4th Year, Fall Semester GEC Elective MINE 471 Mine and Safety Management MINE 411 Rock Mechanics and Ground Control MINE 483 Mine Design-Exploration Mapping Technical Elective*	3 3 3 3 15 Hrs 3 4 2 3 15	GEC Elective ENGL 102 Composition and Rhetoric MAE 243 Mechanics of Materials MINE 331 Mine Ventilation MINE 427 Coal Preparation Total Hours: 4th Year, Spring Semester GEC Elective GEC Elective GEC Elective AGRN 455 Reclamation of Disturbed Soils MINE 480 Multidisciplinary Team Project	3 3 3 4 16 Hrs 3 3 3 1

^{*}Technical electives are MINE 376, 407, 414, 481, 485, 486 and other courses approved by the Department.

For the most recent list of approved courses in the General Education Curriculum, visit the GEC site at WVU Admissions and Records.

Memorandum

To: Faculty Senate Executive Committee

From: Gwen Bergner, Chair-Elect,

Senate Curriculum Committee

Date: January 23, 2006

Re: Administrative Changes

The following alterations (minor changes) have received administrative approval:

ALTERATIONS (Minor Changes):

Subject Code	Course Code	CIP	Alteration Request	Reason for Change	Effective Date
PT	732	512308	Action: Change course number, PR Old: PT 405 Physical Therapeutic Agents 1. 2 Hr. PR: Physical Therapy majors only; must have successfully completed the required previous coursework in the professional sequence. Theory and practical application of modalities used in physical therapy practice. Therapeutic agents of this course include, but are not limited to, hydrotherapy, therapeutic heat and cold, and ultrasound. New: PT 732 Physical Therapeutic Agents 1. S. 2 Hr. Theory and practical application of modalities used in physical therapy practice. Therapeutic agents of this course include, but are not limited to, hydrotherapy, therapeutic heat and	Part of general curriculum revision occasioned by Program in Physical Therapy's transition from an entry-level master's (MPT) to a professional entry-level doctoral degree (DPT). This change and the associated curriculum were approved by the School of Medicine, the WVU Graduate Council, the Vice-President for Health Sciences, the Board of Governors, and WV Higher Ed Policy Commission.	200601
			cold, and ultrasound.		

PT	738	512308	Action: Change course number, allocation of hours between lecture and lab. Old PT 425 Physical Therapy Procedures 2. 3 Hr. Therapy and clinical application of therapeutic exercise techniques. 2 hr. lec. 2 hr. lab. New PT 738. Physical Therapy Procedures 2. S. 3 hrs. Theory and clinical application of therapeutic exercise techniques. Contact: 1 Lec. 4 Lab	Please see above rationale.	200601
PT	742	512308	Action: Change course number. Old PT 420. Therapeutic Physical Agents 2. 2 Hr. PR-Physical Therapy majors only; must have successfully completed the required previous coursework in the professional sequence. Continuation of Therapeutic Physical Agents 1. Includes, but is not limited to, practical applications and theory in electrotherapeutic modalities used in physical therapy practice. New PT 742. Physical Therapeutic Agents 2. S. 2 hr. PR-Physical Therapy majors only; must have successfully completed the required previous coursework in the professional sequence. Continuation of therapeutic physical agents 1. Includes, but is not limited to, practical application and theory in electrotherapeutic modalities used in physical therapy practice. Contact: 1 Lec. 2 Labs.	Please see above rationale.	200607

PT	743	512308	Action: Change course number.	Please see above rationale.	200608
			Old PT 417. Geriatric Physical Therapy. 2 Hr. Students are provided information about medical and psychosocial factors associated with aging. Study of the role of physical therapy in geriatrics, including laboratory practice of common evaluation and treatment procedures.		
			New PT 743. Geriatric Physical Therapy. I. 2 hr. Students are provided information about medical and psychosocial factors associated with aging. Study of the role of physical therapy in geriatrics, including laboratory practice of common evaluation and treatment procedures. Contact: 1 Lec. 2 Labs		
PT	754	512308	Action: Change course number, description.	Please see above rationale.	200605
			Old PT 401. Clinical Sciences 2. 4 Hr. Introduction to selected topics in clinical medicine which are basic to physical therapy practice. Topics include metabolic and endocrine disorders, oncology, dermatology, wound care and burns. Contact hours – 4.		
			New PT 754. Clinical Sciences 4. II. 4 Hrs. Introduction to selected topics in clinical medicine basic to physical therapy practice, beginning with an overview of genetics related to disease and medical conditions. Include integumentary, metabolic and endocrine disorders, oncology, and rheumatology. Contact: 4 Lec.		

PT	300 301 304 309 400 401 402 405 417 420 450 485	512308	Action: Course Drops	Part of general curriculum revision occasioned by Program in Physical Therapy's transition from an entry-level master's (MPT) to a professional entry-level doctoral degree (DPT). This change and the associated curriculum were approved by the School of Medicine, the WVU Graduate Council, the Vice-President for Health Sciences, the Board of Governors, and WV	200601
	485 425			Higher Ed Policy Commission. These courses will be offered at the 700 level.	

Memorandum

19 January 2006

To: Senate Executive Committee

Fr: James D. Held, Chair

General Education Curriculum

Oversight Committee

Re: Recommendations

The GECO Committee met on January 18, 2006 and after careful consideration, recommends the following courses for approval.

Course	Title	GEC O	<u>bj / LSP / W</u>
New Course	s:		
HIST 124: FRCH 332:	Music in World Cultures*	5,7 4,7 3,9 5 4,7	A B A A, Fmg
Audits of Exi	isting Courses:		
ENGL 225: ENGL 251:	Contemporary American Literature	3,5 3,7 2B,4 4,7	W A A W C B,Fmg
Misc. Action	s		
WMAN 431:	Wildlife Habitat Techniques	Remo	ove from W

^{*}MUSC 179 was approved in November. Dept. requested Cluster A LSP.

^{**}FRCH 332 had been approved for GEC 9, but the dept. requested Obj. 5 as well.

^{***}WMST 170 had been approved for LSP A,B, Fmg but the dept. requested GEC Obj. 4 and 7, as well.