

Minutes
West Virginia University Faculty Senate
Monday, December 10, 2018

1. David Hauser, Faculty Senate Chair, called the meeting to order at 3:18 p.m. in Ruby Grand Hall, Erickson Alumni Center.

Members Present:

Ameri, S.	Crichlow, R.	Harrison, N.	Myers, M.	Sedney, C.
Anderson, K.	Cui, P.	Hauser, D.	Myers, S.	Shapiro, R.
Andress, L.	Dibartolomeo, L.	Hibbert, A.	Nutter, R.	Smith, M.
Angeline, M.	Dietz, M.	Hileman, S.	Ogden, L.	Soccorsi, A.
Atkins, C.	Eades, D.	Jacobson, G.	Olfert, I.	Sowards, A.
Ballard, D.	Estep, C.	Kiefer, C.	Olson, K.	Swager, L.
Benedito, V.	Eubank, T.	Krause, K.	Patel, R.	Tapia, J.
Bernardes, E.	Evans, J.	Li, B.	Ponte, C.	Tu, S.
Bilgesu, H.	Feaster, K.	Lockman, J.	Pradhan, T.	Ueno, C.
Bonner, D.	Fleming, A.	Martucci, A.	Prucz, J.	Utzman, R.
Bowman, N.	Fraustino, J.	Matak, K.	Pyzdrowski, L.	Valentine, K.
Brock, R.	Galvez P.	McCombie, R.	Rakes, P.	Vanderhoff, J.
Chisholm, S.	Garofoli, G.	McCorry, Jean	Reymond, R.	Vona-Davis, L.
Clemmer, M.	Germana, M.	Morris, M.	Rice, T.	Wayne, W.
Collins, A.	Goff, N.	Morris, T.	Scaife, B.	Welsh, A.
Corio, E.	Goodykoontz, E.	Mucino, V.	Schaeffer, P.	Woods, S.
Cossman, J.	Haines, K.	Murphy, E.	Schimmel, C.	Yu, H.
Costas, M.	Hardy, S.	Murray, J.	Scott, D.	

Members Excused:

Bishop, J.	Cohen, S.	Floyd, K.	Knox, S.	Toppe, M.
Blobaum, R.	Criser, A.	Hessl, A.	Mallow, J.	Valenti, M.
Bravo, G.	Cronin, A.	Hildebrand, L.	Mbayo, T.	Woloshuk, J.
Brooks, R.	Donley, D.	Hutson, Z.	Miller, D.	
Burt, A.	Elliott, E.	Kleist, V.	Morris, A.	

Members Absent:

Barko, C.	Eschen, E.	Law, K.	Ryan, E.	Walter, S.
Bastress, R.	Flanigan, M.	Miltenberger, M.	Sand-Jecklin, K.	Yocke, R.
Burnside, J.	Hartnett, H.	Montgomery-Downs, H.	Singh-Corcoran, N.	
Casey, F.	Holbein, M.	Plein, L.	Thomas, J.	
Connors, J.	Hornsby, W.	Reddy, Y.	Tobin, G.	
Dickman, B.	Kolar, M.	Rowlands, A.	Tudorascu, A.	

Faculty Senate Officers Present:

Hauser, D.	Hileman, S.	Murphy, E.	Nutter, R.
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2. Chair Hauser moved for approval of the minutes from the Monday, November 12, 2018 meeting.
Motion carried.
3. President E. Gordon Gee reported the following:
 - This has been an exceptional year for student achievement. Our Board of Governors chair commented to him that this year's students are the best he has ever taught; it seems to him

that they are more engaged and more involved than previous students. President Gee believes this is a tribute to our academic and admissions folks.

- WVU researchers have received \$1.34 million to develop machine-learning software for the U.S. Department of Energy. James Lewis and Aldo Romero from the Department of Physics and Astronomy will lead a team from WVU, the University of Southern California, and Kitware, Inc. to develop new machine-learning tools. Dr. Lewis commented that the funding opportunity will continue to establish WVU as one of the leaders in machine-learning from applications in cybersecurity, biometrics, and new materials design.
- Fanny Ye, assistant professor of computer science and electrical engineering, and her collaborators have received the Challenge Problem Winner award in the Artificial Intelligence for Cyber Security Workshop. The problem challenged competitors to construct artificial intelligence-based malware classifiers that would resist adversarial attacks.
- Richard Goldberg, director of the WVU Cancer Institute, is searching for new ways to treat colorectal cancer. Once colorectal cancer invades another organ, such as the liver or lung, the patient has about a 13 percent chance of surviving for more than five years. Dr. Goldberg and an international team of scientists investigated a new drug combination for treating metastatic colorectal cancer in patients who had no success with conventional chemotherapy treatments.
- Vinod Kulathumani, associate professor of computer science and electrical engineering, is part of a research team that has won the R&D 100 Award. The awards, known as the “Oscars of Innovation,” honor the top 100 proven technological advances of the year. Working in partnership with researchers at Los Alamos National Laboratory, his team developed an ultra-large-scale sensor network for detection of storm water overflow in real-time. The technology has military applications as well as potential for monitoring civilian infrastructure in rural regions such as West Virginia.
- Ali Rezai, executive chair of the West Virginia University Rockefeller Neuroscience Institute, has been part of two important clinical trials during the past two months. The first trial uses focused ultrasound treatment to disrupt the blood-brain barrier in regions of the brain affected by Alzheimer’s. The second involves the injection of a pellet into a patient’s back to treat neurological symptoms.
- We had a Day of Giving on November 14. Last year we raised \$2.9 million, and this year we raised \$6.2 million in the 24-hour fundraising effort. Almost all of the funds go to teaching, learning, and faculty support. We had 3001 donors this year.
- The Blue Ribbon Commission held its penultimate meeting. Members believe they are close to producing a final report, which will focus on significant governance changes and funding models for higher education.

4. Provost Joyce McConnell reported the following:

- Morgan King, a 2018 graduate in civil engineering and current Fulbright English teaching assistant in Spain, has been selected as a recipient of the prestigious Marshall Scholarship. The Marshall Scholarship provides for two years of study at any British university. This enables students to gain understanding of British culture and academic values. Morgan is only the third student in WVU’s history to be awarded this nationally competitive scholarship.

- The WVU Humanities Center has been awarded a grant from the West Virginia Humanities Council to support its spring offerings for the 2018-2019 speaker series. The series focuses on the theme of “Quality of Life,” exploring how humanistic investigation into thought, history, and culture improves the way we live our lives. Fall 2018 lectures in the series have included campus read author Emily St. John Mandel and writer-in-residence Ann Pancake, as well as other nationally recognized scholars from across the country.
- A ribbon-cutting ceremony and open house was held on December 7 for the Veteran and Military Family Support Headquarters, located on the second floor of the Mountainlair. The 2500 square-foot facility will serve as a welcoming space and resource center for student veterans, armed forces personnel, and dependents of current and former military service members.
- The Provost’s Office will be announcing a new series of digital learning awards and will be seeking submissions of outstanding digital classroom activities. This marks our effort to participate for the first time in the national Digital Learning Day, which promotes the innovative incorporation of technology into student learning experiences.
- The Provost’s Office, in partnership with the Humanities Center and the WVU Press, will hold its third annual celebration of long-form scholarship in spring 2019. The event will recognize the achievements of faculty and staff members who have published a book, released a CD, or produced a full-length work in another medium. The submission form is due by the close of business on December 21.
- Ken Blemings, dean of the Honors College, will serve as the interim dean of Davis College. Dr. Blemings is a tenured biochemistry professor in Davis College. Ryan Claycomb will serve as the acting dean of the Honors College, where he previously served as the associate dean. Dr. Claycomb will continue to serve as permanent director for the Humanities Center.
- The annual reminder concerning the inclement weather policy was sent out via ENEWS. First and foremost, we emphasize the safety of our campus community. She asked faculty to provide everyone flexibility while adhering to the spirit of your course attendance policy and academic standards. If you cancel class, please notify your students.
- We found out via media that the governor had requested all schools and government entities close on December 5 in observance of the National Day of Mourning for President George H.W. Bush. The governor declined to grant an exception for higher education. She asked everyone to understand that, in these types of situations, we do the best we can to consider everyone’s needs and to make the right decision.

5. Chair Hauser reported the following:

- As of November, we are no longer webcasting Faculty Senate meetings. He will report back if he receives any comments or complaints about that decision.
- BOG Proposed Governance Rule 1.4 (Ethics, Conflicts of Interest, and Outside Consulting Arrangements) is open for comment through December 12. He recommended that anyone paid by an organization outside of WVU review the rule. If you are unable to determine how to comply with the rule, please submit a comment for BOG consideration.

6. WVU’s Government Relations office expects a new Campus Carry bill to be introduced in the 2019 legislative session. WVU will oppose the bill, but if it looks like it will pass, WVU will negotiate with the bill’s sponsors to try to create restrictions on where firearms could be carried

at WVU. The Senate has been asked to provide a ranked list of restrictions to be built into the legislation. David Hauser shared an initial list of high, medium, and low priority areas that he developed in consultation with Senate leadership. Based on today's discussion, he will revise the list to share with Government Relations. Students and staff are participating in a similar process.

7. Karen Haines, Past Chair, Curriculum Committee, moved for approval of the following reports.
Motion carried.

Annex I, New Courses Report.

Annex II, Course Changes, Deletions, and Adoptions Report.

8. Robert Brock, Chair, General Education Foundations Committee, moved for approval of the following report:

Annex IV, GEF Actions. Motion carried.

9. Ashley Martucci, Chair, Teaching and Assessment Committee, reported that the committee has completed its initial review of 23 child development and 22 engineering fundamentals courses. The committee has developed a framework for reviewing courses, has discussed a repository for syllabi, and is considering next steps for the committee.
10. Roy Nutter, Faculty Representative to State Government, reported that the ACF has been more active in the past month. Their main discussion has concerned the cancelation of a secondary education mathematics degree by two different institutions. Their next meeting is scheduled for December 13. Dr. Nutter also indicated that the report from the PEIA Task Force has been delayed.
11. Stan Hileman, BOG Representative, reported that the Board of Governors will meet on Friday, December 14. He encouraged anyone who does consulting work to review Proposed Governance Rule 1.4.
12. A motion was made and duly seconded to commit the group to a committee of the whole.
Motion carried. The Faculty Senate split into working groups to consider questions related to the general education curriculum.

Following the conclusion of the working group exercise, a motion was made and duly seconded to return to the assembly. Motion carried. Results of the exercise will be shared at a future Faculty Senate meeting.
13. New Business – None.
14. The meeting adjourned at 4:55 p.m. to reconvene on Monday, January 14, 2019.

Judy Hamilton
Office Administrator

To: Faculty Senate Executive Committee

From: Kimberly Floyd

Date: November 26, 2018

Re: New Courses Report

Title	College	Credits	Prerequisites	Course Description
GRAD 673: Careers in Higher Education	ACD AF	2		This discussion-based hybrid seminar will prepare graduate students for the academic job search (primarily in faculty roles), acclimate them to promotion and tenure requirements, address current issues in higher education, and consider the possibilities for nonacademic careers.
FCLT 241: Contemporary Italy	AS	3		Study Abroad Course. This course is centered upon the critical study of various aspects of Italian culture. Students will focus on the social, historical, and socio-political issues of Italy in the last two centuries with a concentration on contemporary issues. The course will be taught entirely in English. No prerequisites.
LDR 551: Advanced Problems in Leadership	AS	3	LDR 501.	This is the second core course in the sequence to attain the Graduate Certificate in Leadership. The objectives of this course are to introduce followership, critique the relationship between leaders and followers, and to detect context in workplace settings. Major topics include leaders, followers and context.
PSYC 315: Professional Development	AS	2	PSYC 101.	Expand students' awareness of careers that utilize psychological concepts. Students will integrate course concepts with the application of psychology, apply best practices for career development and evaluate their fit for various careers.
PSYC 341: Child Development	AS	3	PSYC 101 and PSYC 241.	This course focuses on cognitive, social, and emotional developmental processes in childhood. Empirical findings in child development as well as the methods used to obtain those findings will be emphasized throughout the course.
ECON 463: Applied Regional Economics Research	BE	3	ECON 202 and ECON 225 with a minimum grade of B- in each.	This course offers a unique experiential learning opportunity in economics in which students will ultimately conduct, package, and publicly present the type of research that is regularly underway in the BBER. In particular, after learning the basics of econometrics and economic forecasting, students will compile and present an economic outlook report for a particular region in West Virginia.
IDT 675: Online Teaching and Learning	CEHS	3	Graduate standing.	This course provides an overview of major teaching models and factors to be considered in creating and teaching an online course, and guides the learner through the process of actually developing a specific online course in a learning management system.

Title	College	Credits	Prerequisites	Course Description
PNGE 463: Horizontal Drilling	CEMR	3	MATH 261 and MAE 243 with a minimum grade of C- and PNGE 310 with a minimum grade of C.	Fundamental concepts of horizontal drilling technology are introduced, which include (1) application of directional drilling, (2) design of directional well trajectory, (3) determination of well trajectory from survey data, (4) methods and tools of controlling wellpath while drilling, (5) calculation of torque and drag force in drillstring design, (6) application of geomechanics in directional drilling, and (7) borehole stability analysis
ENDO 683: Endodontic Classic Literature Review	DENT	1		Provides seminar discussions in the topics of: basic endodontic techniques, advanced endodontic techniques, endodontic literature review, case presentation, advanced endodontic theory and legal aspects of clinical practice.
ENDO 684: Endodontic Current Literature Review	DENT	1		Provides seminar discussions in the topics of: Current endodontic techniques, current endodontic literature review, and legal aspects of clinical practice.
ENDO 685: Endodontic Case Review and Analysis	DENT	1	ENDO 682.	Advanced education students in endodontics apply critical thinking skills while presenting comprehensive cases with endodontic conditions utilizing diagnosis and treatment planning options considered through a problem-based approach. Outcomes are reviewed and critiqued. Advanced education students will also apply critical thinking skills to the review of endodontic books and current literature pertaining to the field of endodontics and pulp biology to
PROS 675: Introduction to Advanced Prosthodontics	DENT	2		This course is a composite of several phases of instruction designed to quickly raise the level of knowledge of the First Year Resident in laboratory techniques and clinical instrumentation.
PROS 676: Introduction to Advanced Complete Dentures Prosthodontics	DENT	2	PROS 675.	The Advanced Complete Denture course covers all phases of complete denture treatment and is designed to accelerate first year Prosthodontic Residents beyond the basic knowledge expected of the general dentist. Laboratory exercises and demonstrations are scheduled throughout the course to practice the various techniques discussed.
PROS 677: Introduction to Removable Prosthodontics	DENT	1	PROS 676.	This course will provide the resident with the foundational principles of RPD treatment planning, framework design, preprosthetic surgery, material selection, and adjunctive procedures (i.e., Survey Crowns, Implant Retention).
PROS 678: Introduction to Fixed Prosthodontic Theory	DENT	2	PROS 676.	This course will provided the resident with the foundational principles of fixed restoration treatment planning, smile design and esthetics, crown preparation, material selection, and cementation selection and procedures.

Title	College	Credits	Prerequisites	Course Description
PROS 680: Prosthodontic Classic Literature Review	DENT	1		Provides seminar discussions on the topics of: basic prosthodontic techniques, advanced prosthodontic techniques, prosthodontic literature review, case presentation, advanced prosthodontic theory, topical analysis: fixed, removable, implant, maxillofacial, temporomandibular disorders, dental materials, digital dentistry and legal aspects of clinical practice.
PROS 681: Prosthodontic Current Literature Review	DENT	1		Provides seminar discussions on the topics of: Current Prosthodontics techniques, current prosthodontics literature review, and legal aspects of clinical practice.

To: Faculty Senate Executive Committee
 From: Kimberly Floyd
 Date: November 26, 2018
 Re: Course Changes, Deactivations, and Adoptions Report

Field	Old Value	New Value
MATH 155		
Catalog Prerequisites	Satisfy the minimum ACT/SAT math score, or satisfactory performance on departmental placement examination, or C- in MATH 129.	Satisfy the minimum ACT/SAT math score, or satisfactory performance on departmental placement examination, or C- in MATH 129. For sections T0X offered at WVU Beckley, may instead satisfy minimum grade of C in Math 126 and Math 128.
Justification		Neither WVU Tech nor Potomac State offer MATH 153/154. Instead, all WVU Tech students who qualify for calculus take MATH 155, even if they qualify by taking MATH 126/128 instead of MATH 129.

NSCI 760

Course Subject Code	Neurobiology and Anatomy	Neuroscience
Course Code	NBAN 760	NSCI 760
Justification		The dissolution of the Department of Neurobiology and Anatomy and the oncoming new Department of Neuroscience.

PET 347

Catalog Prerequisites	Admission to the Physical Education Teacher Education Program.	PET 350 and PET 369 and PET 379 and PR or CONC: PET 346 and PET 441 with a minimum grade of C- in all.
Justification		There are no substantive changes being made to the course. The only change is altering the prerequisites and corequisites for the class. The change is being made to help solidify how student matriculate through the curriculum.

SOWK 649

Catalog Prerequisites	Graduate standing in SOWK.	Graduate standing in SOWK. Students must have completed all 500-level courses in the MSW degree plan or have Advanced Standing status.
Justification	The revision of this course brings it into compliance with 2015 CSWE accreditation standards. The revised course will provide better support to the MSW new focus on Advanced Integrated Practice.	Additional notes are being added to the catalog prerequisites in order to ensure that students register for courses in the correct order as defined by their degree plan.

SOWK 650

Catalog Prerequisites	Graduate standing in SOWK.	Graduate standing in SOWK. Students must have completed all 500-level courses in the MSW degree plan or have Advanced Standing status.
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Field	Old Value	New Value
Justification	The revision of this course brings it into compliance with 2015 CSWE accreditation standards. The revised course will provide better support to the MSW new focus on Advanced Integrated Practice.	Additional notes are being added to the catalog prerequisites in order to ensure that students register for courses in the correct order as defined by their degree plan.

SOWK 654

Catalog Prerequisites	Graduate standing in SOWK.	Graduate standing in SOWK. Students must have completed all 500-level courses in the MSW degree plan or have Advanced Standing status.
Justification	The revision of this course brings it into compliance with 2015 CSWE accreditation standards. The revised course will provide better support to the MSW new focus on Advanced Integrated Practice.	Clarify pre-requisites.

SOWK 682

Catalog Prerequisites	Graduate standing in SOWK.	Graduate standing in SOWK. Students must have successfully completed SOWK 582 or have Advanced Standing status. Students are expected to take all sections of SOWK 682 in sequence as denoted on their degree plans.
Justification	The revision of this course brings the course into compliance with 2015 CSWE accreditation standards and also reflects the MSW program change to a specialization in Advanced Integrate Practice.	Additional notes are being added to the catalog prerequisites in order to ensure that students register for courses in the correct order as defined by their degree plan.

ULIB 101

Course Description	Focuses on the concepts and logic of information access including using the libraries' online catalog, various databases and the Internet to find quality information. Incorporates hands-on practice with electronic resources for term paper preparation.	Focuses on the concepts and logic of information access including using the libraries' online catalog, various databases and the Internet to find quality information. Incorporates hands-on practice with electronic resources for research and synthesis of information.
Credits	1	2
Justification		ULIB 101 was extensively revised to align with the Association of College and Research Libraries' Framework for Information Literacy. The new learning outcomes were drawn directly from this document and adapted for a 100-level course. The previous course activities and assessments were informed by Bloom's learning domains Remembering and Understanding. The current course outcomes and assessments focus on Bloom's Applying, Analyzing, Evaluating, and Creative cognitive domains. The course also now requires instructor / student interaction not only during onsite and online class time, but also asks students to interact asynchronously with classmates and instructors outside of class time. Students must also complete reading, viewing, and other homework assignments outside of class. Due to the increased cognitive difficulty of the course outcomes coupled with increased expectations for onsite and online participation, this course fulfills the requirements of a two-credit, eight-week, course: 4 hours per week of class activities and 4 hours per week of class preparation.

Course Deactivations

<u>Course Code</u>	<u>Course Title</u>
CIS 235	Programming Logic
HIST 708	Readings in Central European History
HIST 709	Seminary in Central European History
HIST 714	Readings in Eastern European History
HIST 715	Seminar in Eastern European History
PHAR 701	Pharmaceutical Care Lab 1
PHAR 702	Pharmaceutics 1
PHAR 708	Pharmaceutics 2
PHAR 709	Immunology and Biotechnology
PHAR 711	Chemical Properties of Drugs
PHAR 712	Pharmaceutical Care Lab 2
PHAR 715	Pharmacotherapeutics 1
PHAR 716	Chemistry of Drug Action 1
PHAR 720	Patient Health Education
PHAR 723	Pharmaceutical Care Lab 3
PHAR 724	Pharmaceutical Care Lab 4
PHAR 725	Pharmacotherapeutics 2
PHAR 726	Chemistry of Drug Action 2
PHAR 727	Medical Literature Evaluation
PHAR 730	Pharmacotherapeutics 3
PHAR 731	Pharmacogenomics and Pharmacokinetics
PHAR 735	Pharmaceutical Care Lab 5
PHAR 736	Pharmaceutical Care Lab 6
PHAR 739	Therapeutic Patient Monitoring
PHAR 740	Pharmacotherapeutics 4
PHAR 741	Clinical Pharmacokinetics
PHAR 742	Pharmacy Practice Experience 5
PHAR 746	Pharmacy Practice Experience 6
RDNG 381	Special Topics
RDNG 381A	Special Topics
RDNG 381B	Special Topics
RDNG 381C	Special Topics
RDNG 381D	Special Topics
RDNG 381E	Special Topics
RDNG 381F	Special Topics
RDNG 381G	Special Topics

<u>Course Code</u>	<u>Course Title</u>
RDNG 381H	Special Topics
RDNG 381I	Special Topics
RDNG 381J	Special Topics
RDNG 381K	Special Topics
RDNG 381L	Special Topics
RDNG 381M	Special Topics
RDNG 381N	Special Topics
RDNG 381O	Special Topics
RDNG 381P	Special Topics
RDNG 381Q	Special Topics
RDNG 381R	Special Topics
RDNG 381S	Special Topics
RDNG 381T	Special Topics
RDNG 381U	Special Topics
RDNG 381V	Special Topics
RDNG 381W	Special Topics
RDNG 381X	Special Topics
RDNG 381Y	Special Topics
RDNG 381Z	Special Topics
RDNG 631	Selection and Evaluation of Reading Materials
SOCA 250	Archaeology Laboratory
SOCA 322	Third World Development
SOCA 339	Organized Crime
SOCA 351	Traditional and Changing Africa
SOCA 402	The Investigating Professions
SOCA 455	Anthropological Theory

To: Faculty Senate Executive Committee
From: Robert Brock, Chair, GEFCO
Date: November 26, 2018
Re: GEF Actions

The General Education Foundations Committee met on November 5 and recommends the following course for Faculty Senate approval:

Title	Course Type	General Education Foundation	LEAP Learning Outcome
MUSC 118: Music in Appalachia	Adding/Changing GEF on Existing Course	F6: The Arts & Creativity	4: Integrative and applied learning