

**THE UNIVERSITY OF TOLEDO**  
**Minutes of the Faculty Senate Meeting of February 1, 2011**  
**FACULTY SENATE**  
<http://www.utoledo.edu/facsenate>

Approved @FS mtg. on 2-15-2011

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**HIGHLIGHTS**

Dr. Ron Opp- Assessment Update  
Dr. Steve Peseckis - Faculty Senate Undergraduate Curriculum Committee Report  
Dr. Frank Calzonetti and Diane Miller - Congress and Implications for UT Funding  
Chancellor Jeff Gold and Provost Williams McMillen- Provost/ Chancellor Forum

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**Note:** The remarks of the Senators and others are summarized and not verbatim. The taped recording of this meeting is available in the Faculty Senate office or in the University Archives.

**President Mary Powers** called the meeting to order, **Karen Hoblet**, Executive Secretary, called the roll.

**I. Roll Call: 2010-2011 Senators:**

**Present:** Anderson, Atwood, Benjamin, Brickman, Carr, Caruso, Chiarelott, Cluse-Tolar, Crist, Dowd, Duhon, Eastop, Eisler, Fink, Franchetti, Gardner, Giovannucci, Hoblet, Hornbeck, Hottell, Humphrys, Jorgensen, LeBlanc, Lundquist, Moore, Moynihan, Ohlinger, Olson, Patrick, Piazza, Powers, Randolph, Regimbal, Rouillard, Sawicki, Skeel, Stepkowski, Teclehaimanot, Tinkel, Wedding, Weldy, Wilson,

**Excused absences:** Humphrys, Lee, Molitor, Sheldon, Shriner, Yonker, Thompson-Casado,

**Unexcused absences:** Barlowe, Barnes, Baumgartner, Dismukes, Fournier, Hammersley, Heberle, Kennedy, Kistner, Laux, Malhotra, Nandkeolyar, Patrick, Rooney, Solocho, White,

**II. Approval of Minutes:** Minutes of January 18, 2011 were ready for approval.

**III. Executive Committee Report:**

**President Powers:** I am calling the meeting to order. Welcome all to the ninth Faculty Senate meeting of the academic year 2010-2011.

To start the meeting, I request Secretary Hoblet to call the roll.

Minutes from the January 18<sup>th</sup> meeting were sent for your review. May I have a motion for approval of the minutes from the January 18<sup>th</sup> meeting? Second. All in favor? Any opposed. Please let the record show the minutes from the January 18<sup>th</sup> meeting have been approved.

I am mindful of the developing weather conditions and hope to conduct the meeting at an efficient pace. Since our last meeting, the Faculty Senate Ad Hoc Committee on Department Reorganization was appointed and a newsletter was sent with information about the committee. The committee met on Friday. The committee's charge is understood to be as follows:

“The fifth and final step in this reorganization plan will be to sort through the more than 100 departments, seeking synergies, possible redundancies, and alignment with the colleges in which they exist. This critical stage is still under development, but obviously will constitute a large project as it unfolds.”

Furthermore, the president has stated his goal of a 20 percent reduction in the number of departments. In its first meeting, the committee recognized the Committee Charge, Parameters of Study, Data Required for Study, Potential Roadblocks to Committee's Success in Meeting the Charge, and Issues to Consider.

The committee will have a PowerPoint presentation on the methodology for the Monday, February 7<sup>th</sup> Senior Leadership meeting.

Also since the last Faculty Senate meeting, some changes have developed regarding the FY12 Budget Formulation and Reengineering Task Force. Specifically, the committee was advised late Wednesday afternoon that Dr. Jacobs will be joining the meetings, therefore, some meeting times have changed and all meetings will be held in Dr. Jacobs's office in University Hall. The workgroup has not met since this change and, when available, I will provide information about how this change affects the work of the committee. At this stage, the workgroup is seeking ideas for reducing costs and generating revenue. Please send any suggestions you have for the committee to explore to [facultysenate@utoledo.edu](mailto:facultysenate@utoledo.edu) as soon as possible so the committee can consider the ideas before the budget process moves forward. Again, please provide me with your ideas as soon as possible so I can forward them to the committee. The next committee meeting is this Friday at 1 p.m.

Lastly, the Executive Committee was saddened to learn of the recent passing of Bill Thomas from the Mathematics Department. A tribute is being planned for an upcoming Faculty Senate meeting.

That concludes the Executive Committee report for this week. At this time, I would like to invite Dr. McMillen to come forward for a Provost Forum. Dr. Gold regrets that he cannot be here today. He learned this afternoon that his flight time was changed because of the weather. I ask Senators to use this opportunity to bring questions and concerns to the attention of our provost.

**Provost McMillen:** I would like to update you on four issues that you may be interested in and address some questions that you may have. Briefly talking about the budget; there is no particular secret news out of Columbus. I am sure most of you read the long article about the budget and the budget's in the adjoining states that were in Sunday's, The Blade. There isn't anything special that has come out of the governor's office, nor the State budget office. The governor is going to be in Toledo this coming Monday to speak. Perhaps there are some hints of things that are not quite as "dire" as we were looking at a while ago, but that's mostly my speculation. The President has consciously stopped using the \$100 million figure. I think all of the State universities in Ohio are trying not to talk about dollar figures or percentage figures anymore; we are talking about more of a positive approach to deal with the budget deficit. I wish I knew more. We are going to take a bus down to Columbus for an Inter-University Council day, next Wednesday, February 9, 2011. We have additional space on the bus for anybody that would like to come down. All of the four year universities will have a luncheon and we hope to have a meeting with Tim Keen, the budget director afterwards; we meaning the University of Toledo and if not we will see some of our own legislatures. The trip to Columbus is a full day for most of us; the bus will leave at 8:00 a.m. and will return back approximately at 5:30-6:00 p.m.

**Senator Anderson:** Can you state the date again?

**Provost McMillen:** It's on Wednesday, next week. The second thing that I would like to briefly talk about is regarding pensions. There are articles about the pensions in the paper. I noticed today at 3:00 p.m. when I read a report that I get out of Columbus that the pension bill in the Senate has been introduced. They said there will be details forthcoming, but they just wanted to give an announcement so we may get details overnight. It's a possibility that it won't be any great surprises. Here are four of the major changes: they will probably go from three year final highest average salary to a five year final highest average salary. This is to improve change and probably to save a lot of money for the pension system. According to most reports the governor is insisting that the universities not be charged more; in other words, the institution will not pay more, but everybody that is a member of the pension system will pay more. Thirdly, is the C.O.L.A, the cost of living adjustment. Instead of its being 3%, it will be capped at 3%, so it might be 2% or 1%. It probably will affect everybody including the current people that are

retired. It will probably be both, a later retirement age and require more years. All of the pensions will be discussed and will probably go through hearings. Groups will be advocating for fewer changes than these; these are all significant and important. This will not be railroaded through, but will be a very drawn-out process. All of the hearings will go for a long while. There will not be emergency legislation, meaning when the governor signs it 90 days before it goes into effect, and it gives people time to retire. Earlier today I received a question by via e-mail from someone from the Faculty Senate Executive Committee regarding the formation of schools which is certainly a valid and important question, I am sure some of you are thinking about it. It's a complicated issue. A school just can't become formed because there are a number of issues to be considered. I talked to the vice provosts and we have had discussions about the various aspect of schools. I had a number of people including deans that have come into my office and talked to me about creating schools. There is one school that is out in front of the curve which is the school of Solar/Alternative and Renewable Energy, so that has been in process for some time. I'm kind of going ahead, but we will be talking about having joint appointments with some faculty members etc.; that's going to be one thing that's out there already. The other issue for the schools has to do with creating a school that's just within a college. Other schools that have been proposed will have two or more colleges involved. There will have to be a primary college in order for a curriculum to be developed out of it. There are a lot of questions to be answered. It is necessary to have all of your input and if you think that it will be affective; I will be happy to receive that. Talking with the vice provosts, we decided two things and I think that these are general decisions and I think this will get the ball rolling. If you have an idea for a school and an outline please send it to the Provost office so we can get some kind of concept with how many people are interested and out there. Secondly, when we get that idea and we talk over some of the administrative issues we get some of the other people involve to "run" the nitty-gritty of the office. There have been a lot of interests and certainly that's a good thing and we (Provost Office and Chancellor Office) are going to make an effort to move along and I will be happy to receive your e-mails, letters, or visits. The fourth topic: I am working with Larry Burns to improve public relations regarding some of the research projects, more publicity about all of the new schools and promoting the Arts. Larry has been very open to do that. We had a couple of meetings including one today. Another thing that I want to mention, external affairs have really cranked up their social media, it is much more prevalent on the web and they have some initiatives. I will be happy to answer any questions.

**Senator Jorgensen:** I have two budget related questions; one is regarding retirement. Could you tell me if there's any discussion about retirement incentives? Secondly, if so, then what is the time frame?

**Provost McMillen:** There was actually an all day leadership meeting incentives were mentioned. I haven't been through this before as Provost, so I am not familiar with this and it had not come up before. There are a lot of people at the University of Toledo and other state universities schools that have their thirty years in and have their retirement time; there are a big number of people. As each of us look at where we are at in this pension situation, there are going to be a lot of interest in this discussion. There was some discussion about it, but nothing is concrete.

**Senator Jorgensen:** I have a second budget related question. Over the past few years we have a given significant number of at tuition waivers and other deals with students in various cities in Ohio, Michigan and other places. It is wonderful that these students have the opportunity to attend school, but as we are looking at budget cuts, are we perhaps looking at whether the picture is changing because the State is not giving us as much and maybe the break point isn't in the same place.

**Provost McMillen:** There are a number of things that has to be decided. Dr. Jacobs has said and I don't mind repeating him, "everything is on the table" and that is a part of that general "big list." As I stated before, there's a big number.

**Senator Olson:** I just want to state, whoever wrote the Rocket App for the UT I-Pad has done an outstanding job.

**Provost McMillen:** Thank you.

**Senator Piazza:** I have been getting mixed messages about this; do you know if Fingerhut is going to be leaving or staying for the remainder of his appointment?

**Provost McMillen:** Shouldn't we be asking you that, you are the one that goes to Columbus?

**Senator Piazza:** I've been asked that almost on a daily basis.

**Provost McMillen:** In the thirty days or so, it seems apparent that the idea of Chancellor Fingerhut remaining in office this last year is in question now. A lot of people have been saying, he will not last, however it is hard to get any facts. Roughly a week ago I was on a conference call with the other provosts and Bruce Johnson, who is the President of I.U.C, he actually talked about being a replacement for Eric. Bruce was surprisingly vocal that he will leave soon. I was actually kind of surprised about that.

**Senator Hoblet:** I have two questions to ask you. First, Dr. Jacobs stated at the November 31, 2011 Faculty Senate meeting that he will ask Scott Scarborough to provide the University's Blue-Book for the Carlson and Mulford library, but to my knowledge they are not there.

**Senator Dowd:** Provost McMillen, may I address Senator Hoblet's concern?

**Provost McMillen:** Yes.

**Senator Dowd:** A version of the Blue-Book is in the Carlson library.

**Senator Hoblet:** It's not in Mulford, so it needs to be there. The second question, if \$100 million is logged and that number is not being tossed around as our projected benchmark budget cuts, then what is?

**Provost McMillen:** No dollars.

**Senator Hoblet:** Then what's the percentage? Are you allowed to say?

**Provost McMillen:** It's not that I cannot say, but part of the percentage question involves if there was a percentage of non-hospital or whether there was a percentage of the State share. There are a number of us who is working very hard to make it as the percentage of State share.

**Senator Dowd:** I understand your statement that the president doesn't want to talk about specific numbers such as \$100 million or percentages such as 20% when talking about potential budget cuts. If this is the case then the word needs to get out to other administrators. I was at recent meeting where we were told that the administration is preparing budget cuts within the range of \$100 million to \$120 million. So even if the president isn't talking about specific numbers other administrators are still.

**Provost McMillen:** I do not have any knowledge of that.

**Senator Jorgensen:** I want to follow up on that, the word that we got from the President there were one hundred departments and he wanted to reduce that to eighty departments; there are not one hundred academic departments. We understand that there are about seventy academic departments. So, was one hundred not the right number to start from or was it the right number because it includes more than academic departments?

**Provost McMillen:** I thought it was programs.

**Senator Dowd:** If I remember correctly, the ad hoc group looking at this issue was told to target 20% reductions in departments, programs, and courses.

**Senator Jorgensen:** That number is much larger.

**Provost McMillen:** Okay.

**Senator Regimbal:** I was recently informed there were three I.T. technicians let go from employment here. Since the techs were working in our colleges, don't you think that you and the Deans of the colleges impacted by this decision should have been notified and/or asked their opinion?

**Provost McMillen:** Yes. But this is a very difficult discussion because the I.T. technicians that were let go were being paid by I.T. In fact, I heard that a few of them are still working here. They are being paid, but they don't have to work.

**Senator Dowd:** I have a couple of questions about this situation. I was informed that V.P. Godfrey Ovwigho fired one individual who was only eighteen days away from retirement. That is just wrong. Did V.P. Ovwigho offer any of these individuals an opportunity of alternative employment at U.T.? Will V.P. Ovwigho replace any of the four colleges College Computing Directors he fired?

**Provost McMillen:** I am currently trying to sort this all out.

**Senator Dowd:** Did V.P. Ovwigho talk with either you or any of the deans before he fired the three College Computing Directors?

**Provost McMillen:** I was not aware of V.P. Ovwigho's decision.

**Senator Wedding:** I have a concern regarding inaccurate information being provided by administration; this has happened on a number of occasions. Dr. Jacobs came to Faculty Senate in November and stated there were one hundred departments, but it turns out that there are less than seventy departments. We went through the University of Toledo website and looked and we couldn't find that many; this is a problem that administration is providing inaccurate information. If the president is going to provide information, the information should be accurate.

**Senator Teclhaimanot:** Faculty Senate needs to establish an Information Technology (IT) Faculty Advisory Committee to make sure that the needs of students, faculty and administration are met in order to integrate technology into the teaching and learning process

**Senator Piazza:** You have until March to get a result about the employees that were terminated.

**Provost McMillen:** Yes, I'm aware of the time restraint.

**Senator Olson:** We are also charging library fees.

**Provost McMillen:** Yes, part of the fees is for the library.

**Senator Rouillard:** Last fall, a budget shortfall was remedied by an extra fee assessed on communication, psychology, and pre-med students. Were those fees forwarded to the departments in question? Could you tell us if this will happen again?

**Provost McMillen:** There was not any fee in psychology. There was a developmental fee math fee and a fee in communication. These are continuing fees at this time.

**Senator Regimbal:** The library is beginning to look like a warehouse. My question is about the access to electronic journals. My students have stated that they tried to do research and/or get information from the electronic library but they were not allowed access because they did not have a “pass code.” Does anybody know what my students might be talking about?

**Senator Duhon:** It depends upon the resource.

**Provost McMillen:** Are there any other questions?

**President Powers:** Thank you Provost McMillen. Next, Dr. Steve Peseckis has a report from the undergraduate curriculum committee.

**Dr. Peseckis:** I believe all of you were sent the New Course Proposal so you could look it over before today’s meeting. May I have a motion for approval? All in favor? Any opposed? *Motion passed.*

*The following is the New Course and Course Modification Proposals which were approved by the Faculty Senate on February 1, 2011.*

**College of Arts and Sciences (ARS)**  
**New Courses**

**GEPL 2050 World Cities** 3 Chr

Lecture 3, 80 students/semester; 80/section; Semester Offered: Fall, Spring, Summer, Every Year.

Grading: Normal; Prerequisite: None

Catalog Description: “This course discusses the physical, cultural, socio-economic aspects of the mega cities of the world - the World Cities. It examines the causes and stages of growth and decline of cities.”

Rationale: The nation we live in is 'multicultural' in nature. People from different cities of different countries have migrated and settled in the United States in the past centuries. They have brought together different cultures, religions and social norms. These people have been playing important roles in the social, cultural, economic and physical development of the United States and its cities. A handful number of these U.S. cities fall under the category of World Cities. ...

**HIST 3460 American Religious History** 3 Chr

Lecture 3, 15 students/ semester; 15/section; Semester Offered: Alternate Years.

Grading: Normal; Prerequisite: None

Catalog Description: “An introduction to religion in North America, covering significant developments in American Christianity since colonial times; the diversity that makes American religious history more than simply the story of American Christianity; and themes in religious history (such as pluralism, religious freedom, civil religion, evangelicalism).”

**LING 4430 Approaches to English as a Second Language** 3 Chr

Seminar 3, 15 students/semester; 15/section; Semester Offered: Fall, Alternate Years.

Cross-listed with ENGL 4430, ENGL 5430, LING5430

Grading: Normal; Prerequisite: None

Catalog Description: “Examination of a broad range of approaches to the teaching of English as a Second Language, including how these approaches fit into different theoretical assumptions and how they are implemented in practice.”

Fit: This course is a cross-listing intended to permit advanced undergraduates access to a course that is primarily intended to serve students in the MA in English -- Concentration in ESL. Requirements will be different for undergraduates. We do not anticipate high demand via the ENGL undergraduate cross-listing.

**MATH 1190** (in tracking system as MATH 1150, will be corrected on forms)

**Math Modeling Study Skills** 1 Chr

Lecture 1, 240 students/semester; 20/section; Semester Offered: Fall, Spring, Every Year.

Grading: Normal; Prerequisite: MATH 1200

Catalog Description: "A course to provide the study skills needed to succeed in college mathematics. Students learn and apply math study skills such as reading textbooks, note-taking, and taking and analyzing tests."

Fit: The course is designed to provide entry-level students with the skills they will need to be successful in their math courses.

#### Course Modifications

##### **MATH 1180 Mathematics for Liberal Arts 3 Chr**

- Change prerequisite from "College entrance requirements (algebra I, algebra II and geometry) and satisfactory placement test or MATH 0980." to "Satisfactory placement test score or MATH 0980 or MATH 1200."
- Reason: MATH 1200 was and is intended to subsume MATH 0980.

##### **MATH 1210 Mathematics for Education Majors I 3 Chr**

- Change prerequisite from "Satisfactory placement test score or MATH 0980" to "College entrance requirements (algebra I, algebra II and geometry) and satisfactory placement test or MATH 0980 or MATH 1200."
- Reason: MATH 1200 was and is intended to subsume MATH 0980.

##### **MATH 1260 Mathematics for Business with Applications I 3 Chr**

- Change prerequisite from "Satisfactory placement test score or satisfactory ACT score or MATH 0980." to "Satisfactory placement test score or satisfactory ACT score or MATH 0980 or MATH 1200."
- Reason: MATH 1200 was and is intended to subsume MATH 0980.

##### **MATH 1320 College Algebra 3 Chr**

- Change prerequisite from "Satisfactory placement test score or satisfactory ACT score or MATH 0980." to "Satisfactory placement test score or satisfactory ACT score or MATH 0980 or MATH 1200."
- Reason: MATH 1200 was and is intended to subsume MATH 0980.

##### **MATH 1330 Trigonometry 3 Chr**

- Change prerequisite from "Satisfactory placement test score or satisfactory ACT score or MATH 0980." to "Satisfactory placement test score or satisfactory ACT score or MATH 0980 or MATH 1200."
- Reason: MATH 1200 was and is intended to subsume MATH 0980.

##### **MATH 1340 College Algebra and Trigonometry 4+ Chr**

- Change prerequisite from "Satisfactory placement test score or satisfactory ACT score or MATH 0980." to "Satisfactory placement test score or satisfactory ACT score or MATH 0980 or MATH 1200."
- Reason: MATH 1200 was and is intended to subsume MATH 0980.

##### **MATH 2600 Introduction to Statistics 3 Chr**

- Change prerequisites from "MATH 0980, 1180 OR EQUIVALENT." to "MATH 0980, 1180, 1200 OR EQUIVALENT."
- Reason: MATH 1200 was and is intended to subsume MATH 0980.

##### **MATH 2620 Discrete Probability 3 Chr**

- Change prerequisites from "MATH 0980, 1180 OR EQUIVALENT." to "MATH 0980, 1180, 1200 OR EQUIVALENT."
- Reason: MATH 1200 was and is intended to subsume MATH 0980.

##### **LING 4210 Issues in ESL Writing 3 Chr**

Cross-list with ENGL 4210

Reason: We should have cross-listed this course as an ENGL course when it was created, and no one remembers why we didn't. We believe that if we cross-list it as ENGL, some students will be able to find it more easily. This course is similar to other courses that we cross-list as LING and ENGL

##### **PSY 2100 Statistical Methods 3 Chr**

Update catalog description from "Descriptive and inferential statistics as applied to research in basic behavioral science and to clinical application." to "Descriptive and inferential statistics as applied to research in basic behavioral science and to clinical research. Students are encouraged to take PSY 3120 Understanding Psychological Research before taking this course."

Reason: We are adding a recommended course (in addition to the current prerequisites) in an effort to prepare students to understand the theory and application of statistics.

##### **PSY 3120 Understanding Psychological Research 3 Chr**

Update catalog description from "Emphasis on the interpretation (as opposed to execution) of psychological research. Features overview of statistical methods and experimental design principles. Required for Psychology majors on liberal Arts track." to "Emphasis on the interpretation (as opposed to execution) of psychological research. Features overview of statistical methods and experimental design principles. Recommended before taking PSY 2100 Statistical Methods."

Reason: We have not had a Liberal Arts Track for several years. We believe this course will help students understand the ideas underlying statistics before tackling the actual theory and application of statistics.

#### College of Business

### Course Modification

**BANS 3060 Managerial Economics** 3 Chr  
Change course alpha code from BANS 3060 to FINA 3080

**BANS 3070 Business Fluctuations and Outlooks** 3 Chr  
Change course alpha code from BANS 3070 to FINA 3070

### College of Education (EDU)

#### Course Modifications

**CI 4440 Issues in Linguistics, Writing, and Grammar** 3 Chr

- Change course title to "Issues in Secondary English Language Arts"
- Update catalog description to "Examines current issues of content and pedagogy in secondary English Language Arts."
- No indicated change in credit hours.
- Reason: "To meet current NCATE requirements, additional content needs to be taught including critical literacy, digital and media literacy, along with meeting the needs of English Language Learners and struggling learners."
- Materials added to course : Linguistics in a diverse society; Code-switching with non-standard dialects; Teaching writing as a process; Grammar, usage and mechanics lessons within writing assignments; Critical literacy; Digital and media literacies; Working with English Language Learners; Response To Intervention - working with Struggling learners

### College of Health Science and Human Service (HSHS)

#### New Course

**KINE 1060 Understanding Human Body Structure and Function** 3 Chr

Lecture 2, Recitation 1/2 contact hours, 100 students/semester; 20/section;

Semester Offered: Fall, Spring, Summer, Every Year.

Grading: Normal; Prerequisite: None

Catalog Description: "This introductory course in human anatomy and physiology emphasizes critical thinking, functional concepts and interactive exercises. This course does not meet the Natural and Physical Science Core Requirements for the University. "

Fit: This course is a response to a need created by the high number of unprepared students entering KINE 2560. It is part of no program, but is designed to increase individual success and retention in KINE 2560 and the multiple programs it supports. The estimated population who may need this course may exceed 100 per semester, 5 sections.

#### Course Modification

**COUN 1240 Abuse Issues in Mental Health** 3 Chr

Change prerequisite from "COUN 1110 and PSY 1010" to 'None'

Reason: Course is no longer part of a degree sequence. Is now an elective in Counseling Minor not requiring prerequisites.

**COUN 4240 Substance Abuse Treatment Techniques** 3 Chr

Change prerequisite from "COUN 3140 and 3150 or permission of instructor" to 'None'

Reason: Course is no longer part of a degree sequence. Is now an elective in Counseling Minor not requiring prerequisites.

### College of Engineering

#### New Courses

**BIOE 4140 Biomedical Instrumentation Laboratory** 2 Chr

Lecture 1, Regular Lab 1/3 contact hours, 64 students/semester; 16/section;

Semester Offered: Fall, Every Year.

Grading: Normal; Prerequisite: BIOE 3300; Corequisite: BIOE 4120

Catalog Description: "Design and construction of medical instrumentation, including aspects of signal and image processing, computer integration, and software development. Written communication skills are emphasized through laboratory report organization, documentation of results, error analysis and interpretation of findings. "

Fit: If a program change that will accompany this new course proposal is approved, the proposed course will be a required laboratory course for the Bachelor of Science in Bioengineering degree program.

Currently, we offer 1 hour lab components with two of our required courses - BIOE 3300 Biomedical Electronics (4 hours) and BIOE 4120 Biosignal Processing (4 hours).

We are proposing to remove the lab components from these two courses, reducing them both to 3 hours each, and putting this content into this proposed 2 hour BIOE 4140 Biomedical Instrumentation Laboratory course that will be a required BIOE course.

A file is attached to provide the rationale for this new course and for the program change.

**CSET 2230 Assembly Language and Computer Architecture** 4 Chr

Lecture 3, Regular Lab 1/1 contact hours, 50 students/semester; 25/section;

Semester Offered: Fall, Spring, Summer Every Year.

Grading: Normal; Prerequisite: CSET 1100, EET 2210



Catalog Description: "This course focuses on the analysis, design, and programming of computer microprocessor architectures. Topics include performance metrics, the design of a machine's instruction set architecture (ISA). This course examines the bridge between low-level hardware and executable software, and includes programming in assembly language (representing software programs)."  
Fit: Computer Science and Engineering Technology 4000 level elective course.

**CSET 4450 Video Game Design and Programming** 4 Chr  
Lecture 3, Regular Lab 1/2 contact hours, 20 students/semester; 20/section;  
Semester Offered: Summer, Every Year.  
Grading: Normal; Prerequisite: CSET 3150  
Catalog Description: "This is a project-oriented course on Game Design and Programming. Students work in teams to design, implement and test games with interactivity, animation, sound, constraints, and networking capabilities."  
Fit: Computer Science and Engineering Technology 4000 level elective course.

**EET 3150 C Programming** 3 Chr  
Lecture 2, Regular Lab 1/2 contact hours, 40 students/semester; 20/section;  
Semester Offered: Fall, Every Year.  
Grading: Grade Only (A-F, PR, I); Prerequisite: None  
Catalog Description: "This course emphasizes C programming. Design of a microcontroller system including hardware, interface and programming using C is implemented. Lab exercises cover the areas of interrupts, structures and other programming concepts."  
Fit: Junior level

**Course Modifications**

**BIOE 2100 Bioengineering Thermodynamics** 3 Chr  
Change prerequisites from "PHYS 2130; MATH 2850 OR 2950" to "CHEM 1240; PHYS 2130; MATH 2850 OR 2950"  
Reason: The study of thermodynamics with biochemical applications requires balancing of chemical reactions. BIOE students currently are required to take CHEM 1230 and 1240, but we wanted to make sure that a CHEM prerequisite was explicitly listed for this course.

**BIOE 3300 Biomedical Electronics** 4 Chr  
Change credit hours to "3"  
Change course description from "Measurement circuits, signal analysis, and computer design in biological systems and medicine. Electronic devices, digital devices, amplifier design, and instrumentation safety. Laboratory reinforces lecture topics and their application to the acquisition of biological signals" to "Measurement circuits, signal analysis, and computer design in biological systems and medicine. Electronic devices, digital devices, amplifier design, and instrumentation safety."  
Reason: We wish to remove the laboratory component from this course to create a separate BIOE 4140 Biomedical Instrumentation Laboratory course. Please refer to the BIOE 4140 new course proposal or BIOE program modification submitted with this course modification for more details.

**BIOE 4120 Biosignal Processing** 4 Chr  
Change credit hours to "3"  
Reason: We wish to remove the laboratory component from this course to create a separate BIOE 4140 Biomedical Instrumentation Laboratory course. Please refer to the BIOE 4140 new course proposal or BIOE program modification submitted with this course modification for more details.

**CHEE 1010 Professional Development** 1 Chr  
Change prerequisite from "None" to "CHEE 1000 and Chemical Engineering Major"  
Reason: This course prepares students for the chemical engineering co-op work experience. Students need to have successfully completed CHEE 1000 and be a chemical engineering major to enroll in this course

**CIVE 3310 Structural Analysis** 3 Chr  
Change prerequisites from "CIVE 1160, EECS 1050, MATH 1890 OR 2890" to "CIVE 1160, MATH 1890 OR 2980"  
Reason: Dropped EECS 1050 as a prerequisite is the only change.

**EET 4250 Microcomputer Architecture** 4 Chr  
Change credit hours to "3"  
Update catalog description from "This course covers microcomputer architecture and computer organizations. Topics include CPU interface design, system buses, interrupts, pipeline and parallel processing, computer arithmetic, input-output peripherals, memory management and multiprocessors. Data flow, hypercube and systolic architectures also are covered." to "This course covers the different types of microcontrollers, their architecture and programming and lab testing and troubleshooting. Topics include: Basic Structure, Programming Fundamentals, Algorithms, I/O Interfacing, Interrupts, Communications and Development Tools. ".  
Reason: To give students the needed background in modern micro-controllers architecture and programming to better prepare them for the senior design project course. With that knowledge, they would be better equipped to design, create and build better projects. Also, these microcontrollers are becoming a constant staple of the industry and with this knowledge; students will be more marketable in today's competitive market. The credit hours change from 4 to 3 is necessary to make up the total of 128 credits needed to graduate with an EET degree. (Refer to the EET program modification plan)

**College of Pharmacy**

### Course Modifications

#### **MBC 3880 Medicinal and Biological Chemistry Laboratory 1-4 Credit hours**

- Change title to "Synthetic Medicinal Chemistry Laboratory"
- Change credit hours to "3"
- Update catalog description from "Research and lecture teaching fundamental laboratory skills in medicinal and biological chemistry." to "Laboratory and lecture teaching fundamental laboratory skills in synthetic medicinal chemistry."

Rationale: The course is and has been offered regularly as a scheduled 3 credit hour laboratory in synthetic medicinal chemistry. The proposed changes reflect that reality. This course is offered primarily for the benefit of MBC majors in the BSPS program who are interested in synthetic medicinal chemistry. MBC 3880 is not a required course in the professional pharmacy (PharmD) program nor is it required by any of the other BSPS majors.

#### **MBC 4950 Research in Medicinal Chemistry 6-8 Credit hours**

- Change credit hours to "3-8"
- Can be repeated for credit.

Rationale: The option of offering the course for 3 credit hours in a semester is desired so that the course can be integrated better into student schedules. A minimum of three credit hours would represent two laboratory sessions of 3-4 hours each plus a 1 hour meeting every week, introductory assigned readings, and the preparation of a final report.

### College of Adult and Life Long Learning (CALL)

#### Course Modifications

#### **SKLS 1150 College Study Strategies and Orientation 3 CHR**

Change alpha code to "AL" (so becomes AL 1150).

Reason: Change alpha code from SKLS to AL to be consistent with new College.

#### **SKLS 1940 Learning through Service 2 CHR**

Change Alpha Code to AL (so AL 1940)

Reason: Change alpha code from SKLS to AL to be consistent with new College

#### **UC 2010 Portfolio Development 3 CHR**

Change alpha code to "AL" (so becomes AL 2010).

Reason: Change alpha code from UC to AL to be consistent with new College.

#### **UC 1000 Orientation 1 CHR**

Change catalog description from "An orientation to College for adults over 25. Provision of information to equip students with tools for academic success. Open only to students in University College." To "An orientation to College for incoming first year students in the Gateway Program. It is designed to equip students with tools for academic success."

Reason: First, change the alpha code from UC to AL to be consistent with new College. Second, to remove wording related to former College and replace with wording consistent with use.

#### **UC 1110 Creative Problem Solving**

Change alpha code to "AL" (so becomes AL 1110).

Reason: Change alpha code from UC to AL to be consistent with new College.

#### **UC 1120 Career and Self-Evaluation 2 CHR**

Change alpha code to "AL" (so becomes AL 1120).

Reason: Change alpha code from UC to AL to be consistent with new College.

#### **UC 1200 Applications of Thinking Critically 3 CHR**

Change alpha code to "AL" (so becomes AL 1200).

Reason: Change alpha code from UC to AL to be consistent with new College.

**FYI** (removal of courses does not require approval by Faculty Senate)

Occurrence is significant because University will no longer offer courses at less than 1000 level.

#### **SKLS 0980 College Reading 3 CHR**

Course not be offered past Spring 2011

Developmental courses are being eliminated at the 4 year level.

#### **SKLS 0990 Academic Writing 3 CHR**

Course not be offered past Spring 2011

Developmental courses are being eliminated at the 4 year level.

**President Powers:** Thank you Dr. Peseckis. Next, Dr. Ron Opp will provide an update on Assessment.

**Dr. Opp:** Thank you for having me here today. I am here to give you an update of activities of UT's assessment.

**PowerPoint slides.**

University of Toledo

Assessment Update

By: Ron Opp

Chair, University Assessment Committee

Faculty Senate

February 1, 2011

**Reorganization's Impact on the UAC**

Five assessment liaisons are being added to the UAC to represent the new colleges that have been created:

- College of Adult and Lifelong Learning
- Honors College
- College of Languages, Literature and Social Sciences
- College of Visual and Performing Arts
- College of Natural Sciences and Mathematics

One assessment liaison was removed from the UAC due to the merger of the Judith Herb College of Education with the College of Health Science and Human Service.

**Assessment Planning and Reporting**

- ◆ The five newly created colleges will submit their five-year assessment plans to the UAC for its review by **April 15<sup>th</sup> of 2011**.
- ◆ All colleges will submit their 2010-2011 assessment reports on **October 15, 2011**.

**Closing the Feedback Loop**

- The UAC is sending its feedback on college assessment reports to the Deans and assessment liaisons this week.
- The UAC will send a university assessment report to the President, Provost, and Chancellor at the end of February.

**Assessment Training Opportunities**

Learning Ventures conducted two assessment workshops on January 20<sup>th</sup> and 21<sup>st</sup>.

Upcoming spring workshops will include:

- Creating student learning outcomes
- Creating assessment matrices and rubrics
- Reporting findings and closing the loop

**Dr. Opp:** Thank you. I would be happy to answer any questions.

**Senator Dowd:** Are there going to be adequate staff members for the five colleges?

**Dr. Opp:** As soon as the five new colleges have their administrative teams in place, we will contact them about developing an assessment plan for their new colleges.

**Senator Batten:** How are we going to track the students that are going to graduate?

**Dr. Opp:** The University Assessment Committee is focusing on assessing student-learning outcomes. Graduation rates are a metric that will be used in the program review process. Are there any other questions?

**President Powers:** Thank you Dr. Opp. Next, Dr. Frank Calzonetti and Diane Miller will present on the New Congress and Implications for UT Funding.

**Dr. Calzonetti:** I just want to thank all of you for having us here today. We are here to give you updated information of the new 112<sup>th</sup> Congress research programs here at UT. I would like to introduce you to Diane Miller. Diane is the director of Federal initiatives.

**Diane Miller:** Thank you Dr. Calzonetti. I am here to provide you with an overview of what the new, 112<sup>th</sup> Congress means to UT's research programs and the changes in the new Congress pointing out.

The following is updated information:

- The Senate remains as a Democratic majority but that the House of Representatives changed from a Democratic majority to a Republican majority.
- The House Republican Leadership position on budget cutting may affect the budgets of agencies that support scientific research, such as the National Science Foundation, the Department of Energy, and the National Institute of Standards and Technology.
- The House and Senate will not support earmark requests.
- UT had over \$18 million in federal appropriation bills dedicated for UT related projects for FY11, but that all of these projects were eliminated when the Omnibus Bill did not pass.
- The federal government is operating on a Continuing Resolution through March 4<sup>th</sup> that includes no funds for congressionally directed projects.
- Given that it is still not clear how the federal government will be funded for the remainder of this fiscal year, federal agencies are not in a position to commit funds to projects.
- We are working with Van Scoyoc Associates in Washington to work directly with the agencies on the funding of UT projects and that it is important for faculty members leading those projects to reach out to their program officers in this effort.

**PowerPoint slides**

**THE 112<sup>TH</sup> CONGRESS AND**

**THE UNIVERSITY OF TOLEDO'S RESEARCH ENTERPRISE**

DIANE M. MILLER

DIRECTOR OF FEDERAL INITIATIVES

DIANE.MILLER2@UTOLEDO.EDU

419-530-3804

At the Faculty Senate meeting

on February 1, 2011

**Mandatory and Discretionary Budget**

- Total Federal Budget: \$3.8 trillion
- Mandatory Spending: \$2.5 trillion
  - Entitlement programs
    - (including Social Security, Medicare, and Medicaid)
  - Interest (\$251 billion)
- Discretionary Spending: \$1.3 trillion
  - (DOD largest component—half of discretionary budget)

**The 112<sup>th</sup> U.S. Congress**

**Senate**

- Democratic majority, but smaller majority, so more compromise required: 54 – 46 in 112<sup>th</sup> Congress vs. 59 – 41 in 111<sup>th</sup> Congress
- Rob Portman (R) of Cincinnati elected to replace Senator Voinovich (R)
  - committee assignments: Armed Services, Energy and Natural Resources, Homeland Security and Governmental Affairs, and Budget
- Freshman Senator Brown (D) retains seat on Appropriations Committee
- Senate Appropriations Committee now has an earmark moratorium (2-1-11)

**House of Representatives**

- Swing from Democratic majority to Republican majority
- 193 – 242 in 112<sup>th</sup> Congress vs. 255 – 180 in the 111<sup>th</sup> Congress
- Earmark moratorium adopted by the incoming Republican conference, but they have not yet defined “earmark”
- Representative Kaptur maintains position on Defense, Agriculture, and Transportation/HUD, #2 ranking Democratic member of House Appropriations Committee.

**Cuts to Funding for Federal R&D Agencies**

- R&D agencies funded from discretionary accounts (<18% of total budget for non-defense discretionary)
- The Obama administration directed non-security agencies to submit new FY 2012\* budget proposals that
  1. totaled 5% less than their original FY 2012 budget estimates in last year's submissions and
  2. included a list of low-impact programs totaling an additional 5% of the agency's discretionary budget. (OMB)

- Expect discretionary budget cuts of between 5 - 10% from earlier FY 2012 proposals
- FY12 budget to be released soon, administration insiders reporting February 14th

**Definition of an Earmark**

- Earmark moratorium unlikely to substantially reduce budget of federal agencies, but will place funds under more agency control
- The House Republican Conference has adopted a prohibition on earmarks in the 112<sup>th</sup> Congress but it has not yet adopted a definition of earmarks.
- The Senate Appropriations Committee has adopted a prohibition on earmarks for FY11 and FY12

The definition of an earmark in Senator Coburn's November 30, 2010 amendment is:

*a provision or report language included primarily at the request of a Senator or Member of the House of Representatives providing, authorizing, or recommending a specific amount of discretionary budget authority, credit authority, or other spending authority for a contract, loan, loan guarantee, grant, loan authority, or other expenditure with or to an entity, or targeted to a specific State, locality or Congressional district, other than through a statutory or administrative formula-driven or competitive award process.*

Office of Management and Budget definition:

*funds provided by the Congress for projects, programs, or grants where the purported congressional direction circumvents otherwise applicable merit-based or competitive allocation processes, or specifies the location or recipient, or otherwise curtails the ability of the executive branch to manage its statutory and constitutional responsibilities pertaining to the funds allocation process.*

Current House of Representatives definition of an earmark:

*For the purpose of this clause, the term "congressional earmark" means a provision or report language included primarily at the request of a Member, ... or Senator providing, authorizing or recommending a specific amount of discretionary budget authority, credit authority, or other spending authority for a contract, loan, loan guarantee, grant, loan authority, or other expenditure with or to an entity, or targeted to a specific State, locality or Congressional district, other than through a statutory or administrative formula driven or competitive award process.*

**The fiscal year 2011 budget and UT Congressional projects**

- Senate Omnibus-withdrawn-included \$18.6M for UT and UT related projects
- CR (thru March 4<sup>th</sup>) includes no projects
- Unlikely to see projects listed in further FY11 CR or omnibus

**Earmarks and UT**

- UT had approximately \$10 million in direct earmark projects in FY10 alone
- UT had other earmark projects lobbied by UT and received by partner entities
  - \$500,000 Coastal Wind Ohio (College of Engineering)
  - \$1.5 million for ARS Cooperative Research Agreement
  - \$3.5 million for ARS Research Complex
  - \$425,000 for PTSD with Case Western
- Some projects currently at risk
  - College of Engineering Coastal Ohio Wind Energy Project—Representative Latta led with support from Representative Kaptur—will not be submitted
  - ARS Research Building--\$14 million in ARS Account (w/ \$3.654 million in FY11)
  - \$5 million in FY11 for Center for Solar Electricity and Hydrogen (Air Force)
  - \$1.5 million FY11 College of Medicine project on dendritic cells (Defense-wide)
  - \$1.5 million FY11 College of Engineering/College of Medicine project on bone cements (Defense-wide)

**The new Congress and fiscal year 2012**

- No earmarks, but UT will present a briefing book
- House Republicans have placed a moratorium on earmark requests, so House will not accept earmark requests
- Senate Appropriations Committee is not accepting earmarks

**Administration's FY12 budget**

- The State of the Union outlines Administration's major initiatives for upcoming fiscal year
- President Obama's FY12 budget likely to be 5% less than FY11 request
- Strong comments made in support of clean energy
- Strong comments made in support of R&D funding
- Strong comments made in support of freezing budget for the next 5 years

**The State of the Union quotes**

- "... providing incentives for energy efficiency and clean energy are the right thing to do for our future, because the nation that leads the clean-energy economy will be the nation that leads the global economy, and America must be that nation."
- "Now, clean energy breakthroughs will only translate into clean energy jobs if businesses know there will be a market for what they're selling. So tonight, I challenge you to join me in setting a new goal: By 2035, 80 percent of America's electricity will come from clean energy sources."
- "I am proposing that starting this year, we freeze annual domestic spending for the next five years. Now, this would reduce the deficit by more than \$400 billion over the next decade, and will bring discretionary spending to the lowest share of our economy since Dwight Eisenhower was President. This freeze will require painful cuts. Already, we've frozen the salaries of hardworking federal employees for the next two years. I've proposed cuts to things I care deeply about, like community action programs. The Secretary of Defense has also agreed to cut tens of billions of dollars in spending that he and his generals believe our military can do without."

"Half a century ago, when the Soviets beat us into space with the launch of a satellite called Sputnik... But after investing in better research and education, we didn't just surpass the Soviets; we unleashed a wave of innovation that created new industries and millions of new jobs. This is our generation's Sputnik moment. Two years ago, I said that we needed to reach a level of research and development we haven't seen since the height of the Space Race. And in a few weeks, I will be sending a budget to Congress that helps us meet that goal. We'll invest in

biomedical research, information technology, and especially clean energy technology -- an investment that will strengthen our security, protect our planet, and create countless new jobs for our people."

**Plans Forward**

- Strengthen Relationship with Federal R&D Mission Agencies
  - Agricultural Research Service
  - National Institute of Food and Agriculture (NIFA)
  - National Oceanic and Atmospheric Administration (NOAA)
  - Department of Defense (DOD)
  - Department of Energy (DOE)
  - National Aeronautics and Space Administration (NASA)
  - National Science Foundation (NSF)
  - National Institutes of Health (NIH)
- Work to create programs through the authorization process (e.g., USDA specialty crop program with MSU)
- Requires aggressive Washington presence
- Maintain close contact with APLU to participate in national academic R&D initiatives
- Individual project meetings
- PI needs to evaluate budget and timeline with possible ending of projects
- Pls need to provide names and other contact information for Agency contacts
- Calzonetti and Miller will work with Van Scoyoc and Assoc and Congressional offices to advocate for continued support of projects

**Diane Miller:** Are there any questions that you would like for me to answer? Thank you.

**Senator Hoblet:** Are you going to provide your PowerPoint for the Minutes?

**Diane Miller:** Yes, but after I make a few updated changes to it.

**President Powers:** Thank you Dr. Calzonetti and Diane Miller.

Moving on to some old business. During our last meeting, Dr. Dennis Lettman, Beth Gerasimiak and Dr. Mark Longley provided the Senate with information about proposed revisions for the policy on prior learning assessment. Dr. Lettman is seeking the Senate's endorsement of the proposed policy revisions. I request your comments and discussion. Is there a motion to provide Faculty Senate endorsement of the proposed policy revision?

**Senator Dowd:** I think that the Senate hasn't had an adequate amount of time to thoroughly review this proposal. I suggest that the Executive Committee review it and bring our suggestions to the Faculty Senate at a later date.

**Senator Olson:** Based on the current weather conditions outside, I think that we should table it.

**Senator Dowd:** Senator Olson, I don't think this can be tabled as there was no formal motion.

**Senator Olson:** This can be tabled because it's an agenda item.

**Senator Dowd:** I will defer to Senator Olson

**President Powers:** Do I have a motion for this being tabled? Let the record show, we will table the policy on prior learning assessment for a later date.

The last item of executive business I have is a request from Senator Glenn Sheldon and Dr. Tom Kvale to provide the Senate with information about Undergraduate Research Program summer grant/internship opportunities. The flyers for the summer research programs and for Posters at the Capitol: Undergraduate Research in Northwest Ohio was sent with the agenda for today's meeting. Dr. Kvale would like these to be broadcast to as many students as possible and he will be happy to meet with students and/or faculty mentors to help them with the first steps if they are unsure how to become involved in undergraduate

research. The deadline for both opportunities is February 25, 2011. Please see:  
<http://www.utoledo.edu/honors/undergradresearch/> for more details. Thank you very much.

That concludes the executive business for this meeting. Is there any other business from the floor?

We now have time for general questions and concerns that the Senate should address.

May I have a motion for adjournment? *Motion passed.*

Please be safe driving home. The meeting is adjourned.

**IV. Adjournment:** Meeting adjourned at 5:15 p.m.

Respectfully submitted,

Karen Hoblet  
Faculty Senate Executive Secretary

Tape summary: Quinetta Hubbard

Faculty Senate Office  
Administrative Secretary