

FACULTY SENATE MEETING
Tuesday, October 7, 2014
Workman 101 4:00 p.m.
MINUTES

1. Call to order - President Richard Sonnenfeld called the meeting to order at 4:00 pm with a request for the approval of the September 2, 2014 minutes.

2. Approval of the September 2, 2014 minutes

Dr. Dave Raymond moved to approve the minutes and Dr. Kevin Wedeward seconded. The minutes were approved by unanimous consent.

3. Brief Announcements

a. Tech emails being lost to spam filters because of Postini Change@David Grow

Dr. Brian Borchers reported for Dr. David Grow who was not present. Postini has been replaced by a different anti-spam system. As a result Dr. Grow found some important emails were put somewhere that he didn't have access to. Joe Franklin explained that we've transitioned into Google apps as Postini is no longer available. He will put a document on the web regarding how to access your spam email. Let ITC know if you can't view your emails.

b. Humanizing Technology Conference- Rosario Durao

Dr. Rosario Durao distributed a flyer for an International Humanizing Technology summer seminar. Dr. Durao reported that the CEASS department developed a research and teaching seminar. This is an interdisciplinary research effort which seeks to get humanities to dialog with STEM departments. They decided to launch the idea of a two-week summer seminar starting summer 2015. Dr. Durao noted there is a brain storming meeting scheduled the following Thursday for those who are interested.

c. Sexual Harassment Awareness Event-Daniel Carr

November 20th Kappa Sigma is holding a sexual harassment awareness event in Macey Center from 8:00- 10:00 pm. They would like to see this event continue annually and he is here to ask for Faculty support. Daniel would like to see everyone take part in this event.

d. 49ers- Bruce Harrison

Dr. Bruce Harrison noted that the 49ers celebration is coming up. We would like to help alumni with recruitment and to hear what effect NM Tech had on their careers. We are planning to video tape them with help from ACT. Dr. Harrison noted that most students that are coming to NM Tech don't understand what they can do with a degree from Tech. This video can help with recruitment. Alumni often don't have connections with their department anymore. We can make a connection with them without asking for money. Dr. Harrison asked to have one person from each department to help set this up. Dr. Lorie Liebrock noted that we will need to have a release

Biology, Chemistry, or Psychology along with a concentration in one of four engineering fields: Biochemical Engineering, Bioinformatics, Biomaterials, or Biomechanics.

Undergraduate Program

Core requirements for the Bachelor of Science degree in Biomedical Sciences (all options)

In addition to the General Education Core Curriculum Requirements (page 89), the following core program is required of all Biomedical Sciences students. Note that courses marked with an asterisk () may also be used to satisfy General Education requirements.*

- BMS 101 (1), BMS 300 & 300L (4)
- BIOL 111 & 111L (4)*, BIOL 331 (3), BIOL 341 (3), BIOL 351 & 353L (4)*, BIOL 437 (3)
- CHEM 333 & 333L (4), CHEM 334 & 334L (4), CHEM 441 & 441L (4)
- CSE 107 & 107L (4) or CSE 113 & 113L (4) or ES 111 & 111L (3)
- MATH 231 (4), MATH 335 (3), MATH 383 (3)
- PHIL 342 (3)*
- PSY 121 (3)*, PSY 309 & 309L (4)*
- Biomedical Senior Thesis I & II (6)
- One of the science options described below
- One of the engineering concentrations listed below

Bachelor of Science in Biomedical Sciences with Biology Option

In addition to the General Education Core Curriculum Requirements (page 89) and the core Biomedical Sciences Requirements (above), the following courses are required:

- BIOL 333 & 333L (4), BIOL 352 & 354L (4), BIOL 435 (3)

Bachelor of Science in Biomedical Sciences with Chemistry Option

In addition to the General Education Core Curriculum Requirements (page 89) and the core Biomedical Sciences Requirements (above), the following courses are required:

- CHEM 311 & 311L (4), CHEM 331 & 331L (4), CHEM 442 & 442L (4)

Bachelor of Science in Biomedical Sciences with Cognitive Neuroscience Option

In addition to the General Education Core Curriculum Requirements (page 89) and the core Biomedical Sciences Requirements (above), the following courses are required:

- PSY 205 (3)*, PSY 212 (3)*, PSY 312 (3), PSY 409 (3)

Engineering Concentrations

Biochemical Engineering

- CHE 326 (3), and two of CHE 476 (3), CHE 4xx (3), and CHE 4yy (3)

Bioinformatics

- BIOL 311 & 311L (3), BIOL 333 & 333L (4) (part of Biology Option), BIOL 435 (3)

and with various (Department) faculty to identify a Thesis advisor. Near the end of the semester, students will give a formal research presentation.

(DEPT) 496, Biomedical Senior Thesis II, 3 cr.

For Biomedical Sciences majors. Continuation of (DEPT) 496. Students are required to write a paper on the research project and to give an oral presentation

On behalf of the Council of Chairs Bill Stone moved to approve this new degree.
By unanimous consent the motion passed.

c. Graduate Council Report– Lorie Liebrock

Dr. Liebrock briefly reported on the announcements from the graduate council meeting. The administrative fund for student travel support is no longer available. Do not contact the Vice President or President as they have provided the additional \$20,000 per year for graduate travel

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