



CURRICULUM COMMITTEE AGENDA

December 1, 2009

To: John Aleshunas Barrett Baebler John Orr Jorge Oliver
Basiyr Desmond Maxine Bauermeister Dean Eckhoff Gary Glasgow

From: Lisa Muex-Sisson, Office of Academic Affairs
Lisamuexsisson14@webster.edu
(314) 246-7949

Date: December 1, 2009
Time: 3:00 – 4:30 p.m.
Location: Library Conference Room

AGENDA

3:00 p.m. – 3:05 p.m.	Call to Order	Barrett Baebler
3:05 p.m. – 3:10 p.m.	Review previous meeting minutes	Barrett Baebler
3:10 p.m. – 3:20 p.m.	New Proposal	Bill Elliott
	• SCIN 1410	
3:30 p.m.	Meeting Adjourned	Barrett Baebler

Important Notifications

- Next meeting: **Tuesday, January 19, 3:00 p.m.** in the **University Center – Presentation Room**
- Reminder: Please submit all proposals no later than Thursday @ 2:00 p.m. prior to the next meeting

CCs:

B. Akande, Dean	P. Masidonski, Assoc Dean	T. Nickolai, Acad Advising
D. Carpenter, Dean	S. Lorino, Assoc Dean	D. Morris, Registrar
P. Sargent, Dean	V. Johnson, Director	L. Rein, Dean
D. Wilson, Dean	S. Cargas, Assoc Dean	Department Chairs

Curriculum Committee Meeting Minutes

Date: November 17, 2009

3:00 p.m. - 4:30 p.m.

Emerson Library

Attendees:

John Orr Dean Eckhoff Maxine Bauermeister Barrett Baebler, Co-Chair
 Basiyr Desmond Jorge Oliver Gary Glasgow John Aleshunas, Co-Chair

<input type="checkbox"/> B. Akande, Dean	<input type="checkbox"/> P. Masidonski, Assoc Dean	<input checked="" type="checkbox"/> Don Morris, Registrar
<input checked="" type="checkbox"/> D. Carpenter, Dean	<input type="checkbox"/> S. Lorino, Assoc Dean	<input type="checkbox"/> Donna Gilmore, Registrar
<input type="checkbox"/> B. Fyfe, Dean	<input type="checkbox"/> S. Cargas, Assoc Dean	<input type="checkbox"/> Sue Allhoff, Rep Registrar
<input type="checkbox"/> P. Sargent, Dean	<input type="checkbox"/> T. Nickolai, Acad. Advising	<input type="checkbox"/> Ralph Olligies, Faculty Senate
<input type="checkbox"/> D. Wilson, Dean	<input checked="" type="checkbox"/> K. Kleinman, Acad Advising	<input type="checkbox"/> GeeGee Johnson, Coordinator
<input type="checkbox"/> L. Rein, Dean	<input checked="" type="checkbox"/> G. Kannenberg, Professor	<input checked="" type="checkbox"/> Student Member: Emily Bahr Student Member:

(Visitors) – Victoria McMullen, Don Corrigan, Kit Jenkins

1. Call to Order by: Barrett Baebler @ 3:05 pm
2. Minutes of the October 6, 2009 meeting Approved Pending Modifications
3. Victoria McMullen – presented – New Proposal EDUC 4440
 - Committee **approved** proposal
 - Need catalog change form for EDUC 4440 (*Title Change*)
4. Julia Griffin – presented – INTM proposals
The following proposals were **approved** by the committee:
 - New: INTM 4100 & INTM 4300
 - New: INTM 3200
 - Revised: Minor

Approved pending modification

 - Revised: Certificate- *certificate should be noted: “The certificate in ITNM is only available for nom ITNM majors”. (Modification received as of 12/1/09)
5. Don Corrigan – presented – Journalism proposals
The following proposals were **approved**
 - New: JOUR 2350
 - New: JOUR 2750
 - New: JOUR Certification – modifications completed

6. Chris Savgoc – presented – ANIM proposals

The following proposals were **approved**

- New: ANIM 2000
- New: ANIM 2010
- New: ANIM 3010
- New: ANIM 3030
- New: ANIM 3040
- New: ANIM 3200
- New: ANIM 4010
- New: ANIM 4700
- New: Certificate in Animation Production - *certificate should be noted: “The certificate in ANIM is only available for nom ITNM majors”.
- New: Minor in Animation Production
- Revised: Revisions to the Animation B.A.

7. Meeting Adjourned 4:30 p.m.

New/Revised Course Proposal Form

Instructions:

- Prepare your proposal according to the following outline.
- Attach a proposed syllabus and/or course guidelines that include a list of measurable student learning outcomes and how they will be assessed.
- Have your proposal reviewed by the appropriate department and school/college committee.
- Submit the signed proposal to the Office of Academic Affairs. All forms must be completed in full with appropriate signatures. You will be contacted by the Curriculum Committee Coordinator with a date and time to present the proposal.

Form information:

1. Department: BIOLOGICAL SCIENCE

2. Program: _____

3. Course Information: New _____ Revised

SPIN / 1410 / PATTERNS IN LIGHT AND SOUND
Prefix Number Title

3 / NONE / _____
Credit Hours Prerequisites

4. Catalog Description for the catalog: (This description should briefly describe the basic content of the course as it will be offered.)

5. May students repeat this course for credit? Yes No

If there are limits, please explain? FOR FALL 2010 ONLY

6. What is the Rationale for the new/revised course?

ADDITION OF FORTH TOPIC (ELECTRICITY/ELECTRONICS)

7. Should this new course be considered for General Education coding? Yes No
If yes, attach the Application for General Education Coding Form.

8. Staffing requirements:

a. Qualifications necessary for instructor: PHYSICS TEACHING BACKGROUND

b. What staffing changes, if any, will be necessary to offer this additional course?
NONE

9. When will this course be initiated? FALL 2010 How often will it be taught? FALL - 2 SECTIONS What campus(es) are likely to offer this course? WEBSTER - MAIN
10. Does this course affect degree requirements in your, or any other department/program's major, emphasis, minor or certificate? Yes No
If yes, please attach corrected catalog copy for approval, with the Deans of that School/College's approval.
11. List any existing University course(s), which are similar in title and/or subject matter and explain how this course differs. NONE
12. Are University resources adequate to support this course? (Library holdings, space, specialized, equipment, etc.) Yes No
If not, what additions are necessary? _____
13. Will any course be dropped as a result of this new course? Yes No
If so, please list what course(s).

Endorsements and Approvals:

Bill Elliott

Petitioner

[Signature]

Department/ Program Chairperson

[Signature]

Dean of College/School

Chair/Curriculum Committee

10-5-09

Date

10/16/09

Date

11/17/09

Date

Date

Syllabus

Wave Propagation ----- Topic One -----

Transverse/Longitudinal Waves, Pendulum, length, period, frequency, velocity, wave length.

Rectilinear Propagation, reflection, refraction, superposition, interference.

Sound ----- Topic Two -----

Spherical propagation, frequency response, Intensity/Loudness, decibel, Loudness curve, dynamic range.

Refraction, reflection, diffraction, interference, beat frequency, resonance.

Pitch/quality. Compressors / limiters / gates.

Light ----- Topic Three -----

The "Great Debate" ... wave or particle? Illumination, luminous/illuminated, intensity.

Reflection, coplanar mirrors, first/second surface, convex/concave, virtual/real.

Refraction, index, "total" reflection, fiber optics, laser.

Lenses, convex/concave, focal length, "near point", magnifier.

Diffraction, dispersion, color, chromatic aberration.

"The human experience" from light and sound.

Power of the Electron ----- Topic Four -----

Electrostatics, potential differences.

Direct current circuits, electric charges in motion, Continuous current.

Introduction to ohms, power in electric circuits.

Electro-magnetic induction, Inductors in series and parallel.

Electro applications and parameters. Common sense load transmission.

NEW

Rapport and expectations:

Key points for high success in this course: attendance, engagement.

If you have a disability that may have some impact on your work in this class, for which you may require accommodations, contact the Director of Academic Resource Center, Barbara Stewart at (314) 968-7495.

SCIN 1410 Description for FALL 2010

Intended for any student in technical theater, sound and/or lighting, and for any student in music, video, photography, radio production, computer science, psychology, and education, who desires to learn the theories (and applications of theories) in light, sound, and electricity.

Learning Outcomes for SCIN 1410 offered FALL 2010

Students learn and are tested on Wave Theory.

**Students learn and are tested on basic theories of sound, to include
*Intensity, *Loudness, *Dynamic Range, *Fletcher-Munson Curves,
*Sound refraction and diffraction, *Resonance, as well as
*Compressors/Limiters/Gates.**

**Students learn and are tested on basic theories of light, to include
*First and Second surface mirrors, *Six cases of concave mirrors,
*Light refraction, *Snell's Law, *Fiber Optics, *Diffraction, *Color
Addition and Subtractive Properties, *Chromatic Aberration, *Human
Physiology of Light Perception.**

**Students learn and are tested on basic theories of electricity, to include
*Electrostatics and potential differences, *Direct current circuits,
*Continuous current circuits, *Ohm's Law, *Power in electric circuits,
*Electromagnetic induction, *Inductors in series and parallel,
*Electrical applications, *Electrical Code and parameters.**

Monitoring daily engagement

Daily attendance is taken via student sign in. At the end of each day, it will be inspected by the instructor to note late arrivals. These students will likely experience learning difficulties due to missing foundation needed for the days topics.

Testing technique to truly assess mastery

A minimum of 70% of each test will require written responses. This means that each student must write a summary paragraph explaining their mastery of each of these test items. Consider this as a short essay answer for 70% (or greater) of each test. Hence, mastery of understanding can be measured rather than measuring success in selecting multiple choice type test items.