

University Curriculum Committee
October 27, 2011

The University Curriculum Committee met Thursday, October 27 at 3:00 p.m. in the Dean's Conference Room, Derryberry Hall.

Members present:

Dr. Melinda Anderson
Dr. Curtis Armstrong
Dr. Pat Bagley
Dr. Jeff Boles
Dr. Brad Cook
Dr. Ward Doubet
Ms. Edith Duvier
Dr. Kurt Eisen
Dr. Billye Foster
Dr. Sherry Gaines
Ms. Julie Galloway
Dr. Susan Gore
Dr. Mike Harrison
Dr. Bobby Hodum
Dr. Sharon Huo

Dr. Steve Isbell
Dr. James Jordan Wagner
Mr. Ted LaBar
Dr. Marketta Laurila
Dr. Roy Loutzenheiser
Dr. Allan Mills
Dr. Francis Otuonye
Dr. P.K. Rajan
Dr. Jeff Roberts
Dr. Stephen Robinson
Dr. Matt Smith
Dr. Mark Stephens
Ms. Janet Whiteaker
Ms. Jerri Winningham
Mr. Will Burns

Members absent:

Dr. Pedro Arce
Dr. Susan Elkins
Dr. Ahmed Elsayy
Dr. Dan Fesler
Dr. Darrell Hoy
Dr. David Huddleston
MAJ Bret Martin
Dr. Joe Rencis

Dr. Paul Semmes
Dr. Doug Talbert
Mr. Jacob Hoot
Ms. Kristen Jones
Ms. Emily McDonald
Ms. Mary Wade
Mr. Samuel Wright

Official representatives:

Dr. Michael Phillips for Dr. Barfield
Dr. Michael Clark for Dr. Barnes
Dr. Linda Null for Dr. Kemp

Ms. Susan LaFever for Ms. Nipp Kientz
Ms. Brandi Hill for Ms. Rogers
Dr. Sherrie Foster for Dr. Stein

Guests:

Dr. Michael Best
Ms. Denise Burgess

Dr. Lisa Zagumny
Ms. Cara Sisk

1. Approval of agenda as revised
2. Approval of September 22 minutes as revised
3. Approval of course addition, changes and curriculum changes for Child Development and Family Relations concentration (child life option) from the School of Human Ecology
4. Approval of course changes from the School of Human Ecology
5. Approval of course changes from the Department of Biology
6. Approval of course addition, deletion and curriculum change from the Department of Mathematics
7. Approval of course addition from the Department of History
8. Approval of curriculum change from the Department of History
9. Approval of curriculum and catalog changes from the Department of English and Communications
10. Approval of course deletion from the School of Agriculture
11. Approval of course additions from the School of Agriculture
12. Approval of curriculum corrections to AGRI/ATOU from the School of Agriculture
13. Approval of course addition from the School of Agriculture
14. Approval of curriculum addition, deletions and changes from the Department of Curriculum and Instruction
15. Approval of course addition and deletion from the Department of Curriculum and Instruction
16. Approval of curriculum change from the Department of Curriculum and Instruction
17. Approval of curriculum addition and deletion from the Department of Curriculum and Instruction
18. Approval of curriculum addition, deletion and change from the Department of Curriculum and Instruction
19. Approval of curriculum addition, deletion, and changes from the Department of Curriculum and Instruction
20. Approval of curriculum additions, deletion and change from the Department of Exercise Science, Physical Education and Wellness (Pre Physical Therapy Concentration)
21. Approval of curriculum additions, deletions and changes from the Department of Exercise Science, Physical Education and Wellness (Coaching & Sport Adm. Concentration)
22. Approval of curriculum changes from the Department of Exercise Science, Physical Education and Wellness (EXPW)
23. Approval of course ~~addition~~ from the Department of

cal Education and Wellness

on, deletions and changes from the Department of 0765tratioJ/TT11Tf3.31150TD0Tc0003fj/TT21Tf36.46994.224TD:0006Tc(Scien)5.3(c)

Dr. Laurila requested the agenda be revised to add a proposal from the School of Agriculture under Other Such Matters.

_____ Dr. Loutzenheiser moved to approve the agenda as revised. The motion was seconded by Ms. Galloway and carried.

_____ Mr. LaBar moved to approve the September 22 minutes. The motion was seconded by Dr. Robinson.

Ms. Winningham requested that the following corrections be made to the September minutes:

- 1) In the senior year curriculum, in the Human Resource Management Concentration from the Department of Decision Sciences and Management – delete “BMGT 4410”
- 2) In the Music Vocal/General Licensure curriculum change the footnote (number 1) from 128 hour curriculum to 123 hour curriculum.
- 3) Correct a typo in course changes from the School of Agriculture – From: AGRN 2210 To: AGRN 3210, AGRN ~~3320~~ 3220.

The motion carried with the changes accepted.

In a memorandum dated October 10, 2011, approval was requested for the following:

HEC 2250. Child Life Theory and Practice. Lec. 3. Credit 3.

Introduction to the field of child life, the role of the child life specialist in healthcare, theory, professional practices, overview of Child Life Council and certification process

HEC 2550. Children in Health Care. Lec. 3. Credit 3.

Explore children and families’ experiences and reactions to healthcare encounters. Meeting children and families psychosocial needs during healthcare experiences.

HEC 3550. Child Life Assessment of Children and Families. Lec. 3. Credit 3.

Prerequisite: HEC 2250 and HEC 2550. Child Life assessment techniques for children and families in healthcare including groups of children, signs of stress, and documentation of assessment.

HEC 3560. Child Life Intervention Strategies. Lec. 2. Lab 1. Credit 3.

Prerequisite: HEC 3550. Child Life clinical and play interventions to meet the needs of children and families during health care experiences.

HEC 3570. Child Life Practicum. Credit 1.

Prerequisite: HEC 3560. Applied service learning experience with children and families in a healthcare setting. Child Life clinical and play interventions to meet the needs of children and families during healthcare experiences.

HEC 4550. Professional Aspects of Child

Electives 13 14

* HEC Core: If HEC 1030 was taken select 7 hours or if HEC 2020 was taken select 6 hours from the

Lec. 1. Lab. 4. Credit 3.

Prerequisite: HEC 1330 or Fine Arts major Fiber Arts concentration. Evaluation and use of tailoring techniques in the selection, fitting, and construction of garments.

Lec. 1. Lab. 4. Credit 3.

Prerequisite: HEC 2032. Evaluation and use of tailoring techniques in the selection, fitting, and construction of garments.

Lec. 1. Lab. 4. Credit 3.

Prerequisite: HEC 1330 or Fine Arts major Fiber Arts concentration. Apparel design from sketching to pattern making to garment completion.

Lec. 1. Lab. 4. Credit 3.

Prerequisite: HEC 2032. Apparel design from sketching to pattern making to garment completion.

_____ Dr. Anderson moved to approve the changes effective immediately. The motion was seconded by Ms. Galloway and carried.

In a memorandum dated October 3, 2011, approval was requested for the following:

Course Changes:

From:

BIOL 2010 Human Anatomy and Physiology I Lec. 3, Lab. 2. Credit 4

Prerequisite: Sophomore Standing

To:

BIOL 2010 Human Anatomy and Physiology I Lec. 3, Lab. 2. Credit 4

Prerequisite: None

_____ Dr. Cook moved to approve the change effective Spring 2012. The motion was seconded by Dr. Foster and carried.

In a memorandum dated October 11, 2011, approval was requested for the following:

Course Additions

The Department of Mathematics would like to replace its current MATH 2010 Elementary Matrix Algebra, 2 cr., with a new MATH 2010 Matrix Algebra, 3 cr. We would like to begin offering the new 3 credit hour version of the course in summer 2012.

MATH 2010. Matrix Algebra. Lec. 3. Credit 3.

Prerequisite: C or better in MATH 1910. Systems of linear equations, matrix algebra, inverses, matrix factorizations, determinants, vector spaces and dimension, rank, linear transformations, eigenvalues and eigenvectors, inner product, orthogonal projections.

Course Deletions

Delete the current MATH 2010 ~~ED 0013 003 @ D3 1 Q7~~

In a memorandum dated September 26, 2011, approval was requested for the following:

Course Change:

Remove scheduling designations from the following courses. For example, omit where a course reads that it will be offered in the fall or spring, even or odd years.

JOUR 3350 Newspaper Production and Design
JOUR 3740 Advertising Copy and Layout
JOUR 3460 Introduction to Public Relations
JOUR 3760 History and Law of Journalism
JOUR 4360 (5360) Magazine Production and Design
JOUR 4820 (5820) Advanced Reporting
JOUR 4930 (5930) Advanced Copy Editing

Curriculum Change:

Allow students to choose between JOUR 4830 Feature Writing and JOUR 4710 Literary Journalism in the senior year for both options in journalism.

_____ Dr. Null, representing Dr. Kemp, moved to approve the changes effective immediately. The motion was seconded by Dr. Robinson and carried.

In a memorandum dated September 19, 2011, approval was requested for the following:

Course Deletion:

AGHT 4510 (5510)

_____ Dr. Foster moved to approve the deletion effective Spring 2012. The motion was seconded by Dr. Mills and carried.

In a memorandum dated October 18, 2011, approval was requested for the following:

Course Additions:

AGRN (HEC) 3610. Food Safety in Agritourism – Planning.—Spring. Lec. 2. Lab. 2. Credit 3.
Introductory course in food safety as applied to the planning, production, and processing of cool season crops using experiential learning techniques. Food and farm safety regulations as related to the Agritourism industry. Students earn pesticide

AGRN (HEC) 3630. Food Safety in Agritourism Post Harvest—Fall. Lec. 2. Lab. 2. Credit 3.
 Prerequisite: AGRN (HEC) 3620. Emphasis on post harvest handling and storage of crops. Safe processing of agricultural products using traditional techniques. Students will demonstrate processing techniques in a variety of Agritourism settings

Dr. Huo questioned whether the lab hours should be shown as 2 instead of 1.

_____ Dr. Foster moved to approve the additions , with the Lab hours changed from 1 to 2, to be effective Spring 2012. The motion was seconded by Dr. Anderson.

In a memorandum dated October 18, 2011, approval was requested for the following:

Deletions:

1. BIOL 1110 (4)
2. SOC 3720 (3)

Additions:

1. CHEM 1020 (4)
2. AGET 2115 (1)
3. AGET 3115 (1)
4. AGET 3325 (1)
5. Elective (1)

Replaced:

1. AGRN 2210 with AGRN 3210, 3220
2. AGBE 4930 with 4940

Agriculture (46 hrs)				
Animal Science		HR S	Grad e	QPT S
1200	Introductory Animal Sci	3		
Agronomy				
1100	Plant Science	3		
3210	Soils	3		
3220	Soils Lab (co-requisite)	1		
Agritourism				
1120	Intro to Agritourism	3		
3020	Agr/Heritage Based Tour	3		
4940	ATOU Special Topics	3		
Agribusiness Economics				
2010	World Food & Society	3		

AGRI/ATOU (120 hrs)				
English (9 hrs)		HR S	Grad e	QPT S
1010	Writing I	3		
1020	Writing II	3		
2130, 2230, or 2330		3		
Mathematics (3-4 hrs) Select one				
1130, 1530, 1630, 1830, or 1910				
Chemistry (8 hrs)				
1010	Intro to Chemistry I	4		

Dr. Eisen recommended adding Professional Communications 2410 to the Speech requirement. The Speech requirement would read: Intro to Speech Comm 2410 or PC 2510.

Dr. Armstrong stated that Human Resource Mgt 3630 requires a prerequisite.

Dr. Foster and Dr. Armstrong will review AGBE 4030 to see if it would be an appropriate prerequisite. If it is not, an appropriate course will be determined.

A vote was taken and the motion carried.

In a memorandum dated October 18, 2011, approval was requested for the following:

Course Addition:

AGR 2990. Experiential Agriculture. Lab 6. Credit 3.

Hands on learning experience in a variety of agricultural production activities. Experiences may include but are not limited to livestock handling, crop production, landscaping, construction of agricultural structures and data collection and analysis.

_____ Dr. Foster moved to approve the addition effective Fall 2012. The motion was seconded by Ms. Galloway and carried.

In a memorandum dated September 13, 2011, approval was requested for the following:

Curriculum Addition:

ESLP 4100 (3) ESL Methods and Materials

Deletions:

ECED 3310 (1) Practicum: Concepts for the Young Child

ECSP 3200 (3) Procedures: Infants/Toddlers/Preschoolers

EXPW 2430 (2) First Aid

FOED 3810 (1) Literacy Field Experience:

HEC 1010 (3) Life Span Development

HEC 1030 (2) Nutrition

PHED Activity Freshman Year ~~(1)~~ (2)

Changes:

1. The following courses were moved to the freshman year
 - a. SPCH 2410 or PC 2500
 - b. HIST 2010
 - c. MUS 1030 or ART 1030

_____ Dr. Gore moved to approve the changes effective immediately. The motion was seconded by Dr. Mills and carried.

In a memorandum dated October 11, 2011, approval was requested for the following:

Curriculum Changes:

From:

CHEM 3500 Physical Chemistry (4) Junior Year, 2nd Semester

To:

CHEM 3500 Physical Chemistry (3) Junior Year, 2nd Semester

From:

Elective – Any (1) Sophomore Year, 2nd Semester

To:

Elective – Any (2) Sophomore Year, 2nd Semester

_____ Dr. Gore moved to approve the change effective Fall 2011. The motion was seconded by Dr. Smith and carried.

In a memorandum dated October 1, 2011, approval was requested for the following:

Curriculum Additions:

- A. ESLP 4100 English as Second Language Pedagogy (3 hrs.) TEAE 4020 Reading, Writing & Learning Methods for ESL (3 hrs.)
- B. Upper Division ENGL Elective 3 hours credit

Curriculum Deletion:

ENGL Electives 6 hours and Elective 1 hour

_____ Dr. Gore moved to approve the changes effective immediately. The motion was seconded by Dr. Smith and carried.

In a memorandum dated September 29, 2011, approval was requested for the following:

Curriculum Addition:

Junior Year, 2nd Semester: Any Geography Elective

Curriculum Deletion:

Junior Year, 2nd Semester: GEOG 2130 (3) Cons. Of Nat. Resources

Curriculum Change:

From:

GEOG 2130 Cons. Nat. Res. (3) Junior Year, 2nd Semester

To:

Any Upper Division GEOG elective (3) Junior Year, 2nd Semester

_____ Dr. Gore moved to approve the changes effective Fall 2011. The motion was seconded by Dr. Smith and carried.

After Curriculum for Pre Physical Therapy Concentration
(Before Curriculum is available at: <http://www.tntech.edu/expw/programsofstudy/>)

- [ENGL 1010 Writing I](#) Credit: 3.
- [ENGL 1020 Writing II](#) Credit: 3.
- [EXPW 1021 Connection to Exercise Science, Physical Education, and Wellness](#) Credit: 1.
- [EXPW 1022 Introduction to Exercise Science, Physical Education, and Wellness](#) Credit: 2.
- [EXPW 1150 Care and Prevention of Athletic Injuries](#) Credit: 3.
- [HEC 1030 Introduction to Nutrition](#) Credit: 2.
- [MATH 1530 Elementary Probability and Statistics](#) Credit: 3.
- [MATH 1710 Pre calculus I](#) Credit: 3. Or
- MATH 1130 College Algebra Credit 3.
- [SOC 1010 Introduction to Sociology](#) Credit: 3.
- Electives Credit 8.

1130

- [BIOL 1120](#)

To:
senior year elective credits 2 hours

Change Social/Behavioral Science Elective to ECON 2010.

Curriculum Deletions:

1. Remove EXPW Coaching elective credits from the program of study (junior & senior years).
2. Remove BMGT 4900 from the program of study (senior year).
3. Remove EXPW 3031 (Methods of Conditioning) from the program of study.

Course Deletions:

1. EXPW 4030 Coaching Tennis
2. EXPW 4040 Coaching Baseball
3. EXPW 4060 Coaching Golf
4. EXPW 4061 Coaching Football
5. EXPW 4062 Coaching Basketball
6. EXPW 4064 Coaching Volleyball
7. EXPW 4070 Coaching Soccer
8. EXPW 4080 Coaching Track & Field
9. EXPW 4090 Coaching Softball

Freshman Year

- [BIOL 1010 Introduction to Biology I](#) Credit: 4.
- [BIOL 1020 Introduction to Biology II](#) Credit: 4.
- [ENGL 1010 Writing I](#) Credit: 3.
- [ENGL 1020 Writing II](#) Credit: 3.
- [EXPW 1021 Connection to Exercise Science, Physical Education, and Wellness](#) Credit: 1.
- [EXPW 1022 Introduction to Exercise Science, Physical Education, and Wellness](#) Credit: 2.
- [EXPW 1150 Care and Prevention of Athletic Injuries](#) Credit: 3.
- [Humanities/Fine Arts Elective](#) Credit 3. ²
- [MATH 1010 Introduction to Contemporary Mathematical Ideas](#) Credit: 3.
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- [ENGL 2230 British Literature](#) Credit: 3. or
- [ENGL 2330 World Literature](#) Credit: 3.
- [EXPW 2160 Drug Use and Abuse](#) Credit: 2.
- [EXPW 2170 Introduction to Sport Management](#) Credit: 3.

- [EXPW 4171 Exercise and Sport Psychology](#) Credit: 3.
- [EXPW 4420 Kinesiology](#) Credit: 3. or Guided Elective Credit 3.
- [EXPW 4520 Adapted Physical Activity](#)

_____ Dr. Phillips moved

_____Dr. Phillips moved to approve the changes effective Spring 2012. The motion was seconded by Dr. Smith and carried.

After Curriculum for Fitness and Wellness Concentration

(: <http://www.tntech.edu/expw/programsofstudy/>

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- [ENGL 1010 Writing I](#) Credit: 3.
 - [ENGL 1020 Writing II](#) Credit: 3.
 - [BIOL 1010 Introduction to Biology I](#) Credit: 4.
 - [BIOL 1020 Introduction to Biology II](#) Credit: 4.
 - [EXPW 1021 Connection to Exercise Science, Physical Education, and Wellness](#) Credit: 1.
 - [EXPW 1022 Introduction to Exercise Science, Physical Education, and Wellness](#) Credit: 2.
 - [EXPW 1150 Care and Prevention of Athletic Injuries](#) Credit: 3.
 - [Humanities/Fine Arts Elective](#) Credit 3.
 - [HEC 1030 Introduction to Nutrition](#) Credit: 2.
 - [PSY 2010 General Psychology](#) Credit: 3.
 - [MATH 1530 Elementary Probability and Statistics](#) Credit: 3.

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- BIOL 2010. Human Anatomy and Physiology I. Credit 4.
 - BIOL 2020. Human Anatomy and Physiology II. Credit 4.
 - [ENGL 2130 American Literature](#) Credit: 3.
 - [EXPW 2150 Human Sexuality](#) Credit: 3.
 - [EXPW 2160 Drug Use and Abuse](#) Credit: 2.
 - [HIST 2010 American History I](#)

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- [EXPW 2430 First Aid, Safety and CPR](#) Credit: 2.
 - [EXPW 3032 Exercise Prescription for Fitness and Wellness](#) Credit: 3.
 - [EXPW 3170 Motor Learning](#) Credit: 3.
 - [EXPW 3410 Lifespan Motor Development](#) Credit: 3.
 - [EXPW 4420 Kinesiology](#) Credit: 3.
 - [EXPW 4440 Physiology of Exercise](#) Credit: 3.
 - Electives Credit 12.
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- [BMGT 3510 Management and Organization Behavior](#) Credit: 3.
 - [EXPW 4032 Training for Performance](#) Credit: 3.
 - [EXPW 4042 Health Promotion](#) Credit: 3.
 - [EXPW 4171 Exercise and Sport Psychology](#) Credit: 3.
 - [EXPW 4210 Gerontology](#) Credit: 3.
 - [EXPW 4520 Adapted Physical Activity and Sport](#) Credit: 3.
 - [EXPW 4730 Assessment and Evaluation of Physical Activity](#) Credit: 3.

Curriculum Additions:

1. EXPW 3032 (Exercise Prescription for Fitness & Wellness) to the junior year Pre OT program of study.
2. BIOL 1110 (General Zoology, 4 hrs)
3. BIOL 1120 (General Botany, 4)
4. HEC 4210 (Medical Terminology for Human Sciences, 1hr)
5. HIT 1010 (RODP Medical Terminology, 3 hrs) to pre OT directed electives.

Curriculum Deletions

1. EXPW 3070 (Lifetime Wellness & Leisure Activities) from the Pre OT program of study (junior year).
2. General Medical Terminology 1 3 directed elective.

Curriculum Changes :

1. Change MATH 1710 (Pre calculus I) to MATH 1710 OR MATH 1130 (College Algebra) in the pre OT program of study (freshman year).

After Curriculum for Pre Occupational therapy Concentration

(: <http://www.tntech.edu/expw/programsofstudy/>

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- [ENGL 1010 Writing I](#) Credit: 3.
 - [ENGL 1020 Writing II](#) Credit: 3.
 - [MATH 1530 Elementary Probability and Statistics](#) Credit: 3.
 - [MATH 1710 Pre calculus I](#) Credit: 3 OR
 - MATH 1130 College Algebra Credit 3.
 - [EXPW 1021 Connection to Exercise Science, Physical Education,](#)

- [EXPW 4810 Field Experience](#) Credit: 1 4. (Three hours required)
 - Electives Credit 8.
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¹ Select a humanities/fine arts elective.

- BIOL 1110 – General Zoology Credit 4.
- BIOL 1120 – General Botany Credit 4.
- [BIOL 3140 Cellular Biology](#) Credit 4.
- [CHEM 1110 General Chemistry I](#) Credit 4.
- [CHEM 1120 General Chemistry II](#) Credit 4.
- HEC 4210 – Medical Terminology for Human Sciences Credit 1.
- HIT 1010 – Medical Terminology Credit 3. (RODP Course)
- [PHYS 2010 Algebra based Physics I](#) Credit 4.
- [PHYS 2020 Algebra based Physics II](#) Credit 4.
- [PSY 3200 Developmental Psychology](#) Credit 3.
- [PSY 4160 \(5160\) Abnormal Psychology](#) Credit 3.

_____ Dr. Phillips moved to approve the changes effective Spring 2012. The motion was seconded by Dr. Smith and carried.

In a memorandum dated October 17, 2011, the following was presented as an informational item only.

The College of Education formally requests authorization to reorganize the Department of Music and Art into two separate departments effective AY 2012 2013. Support for reorganizing into distinct departments is quite extensive:

- The Music and Art Faculty, along with the members of the College of Education Leadership Council, have voted unanimously to request that separate departments of Art and Music be formed for the mutual benefit of both academic programs.
- The Appalachian Center for Craft fully endorses this reorganization.
- Accrediting agencies NASAD and NASM have noted the shortcomings of the current arrangement of a joint Department of Music and Art.
- Discussions within the College and with Academic Affairs have now progressed to the point where a cost effective plan has been developed.
- Professor Arthur LaBar has announced his intention to retire as chair of the Department of Music and Art effective August 1, 2012. Therefore, the search for a new department chair must

be conducted within the current academic year. A search for a chair of both Music and Art has always been challenging because of the very limited pool of candidates with expertise in both academic areas.

The departmental faculty, the department chair, the Director of the Appalachian Center for Craft, the Associate Dean, and the Interim Dean of the College of Education all support the formation of the Department of Art and the Department of Music. In addition, it is advocated that a Chair of Art/Executive Director of the Appalachian Center for Craft and a separate Director at the Craft Center be appointed to better achieve the goals of the newly formed department.

This reorganization plan promises a strong focus upon developing a new graphic design program in the Art Department at the main campus and additional recruitment efforts at both the main campus and the Craft Center. The anticipated start up costs for this reorganization are primarily contained within the College. A five year "Action Plan" has been created for the proposed Department of Art, and it includes the development of a Graphic Design program which would be implemented in AY 2014 2015.

In a memorandum dated October 5, 2011, approval was requested for the following:

Course Change:

From:

MIT 4220. Industrial Automation. Lec. 2. Lab. 2. Credit 3.

Prerequisite: MIT 3060, MIT 4210.

To:

MIT 4220. Industrial Automation and Robotics. Lec. 2. Lab. 2. Credit 3.

Prerequisite: MIT 3060.

From:

MIT 4990. Special Problems. Lec. 1. Lab. 4. Credit 3.

Prerequisite: Senior standing. Investigations of industrial topics in the students area of interest. May not be repeated for improvement of grade.

To:

MIT 4990 Special Problems Lec. 1, Lab. 4. Credit 3

Prerequisite: Senior standing. Investigations of industrial topics in the students area of interest. May be taken under different subtitles to a maximum of six credits. A particular topic may be offered at most twice under the MIT 4990 number.

Curriculum Changes:

1. Change the required "ECON 2010" to ECON 2020.
2. Delete DS 2810 and ECON 2020 from the Business Electives list.
3. Delete ECE 3835 from the Technical Electives list.

BS Industrial Technology (BSIT)

Leading to the Bachelor of Science in Industrial Technology Degree

Freshman Year		Sem. Hrs.	Sophomore Year		Sem. Hrs.
ENGR 1110	Engineering Graphics	2	ECON 2010 OR ECON 2020	Principles of Microeconomics Principles of Macroeconomics	3
ENGR 1120 ²	Programming for Engineers	2	ENGL 2130 , 2230 , or 2330		3
CHEM 1010 OR CHEM 1110	Introduction to Chemistry I General Chemistry I	4	HIST 2010	American History I	3
ENGL 1010	Writing I	3	HIST 2020	American History II	3
ENGL 1020	Writing II	3	PC 2500 or SPCH 2410		3
MIT 1110	Introduction to Manufacturing Technology	3	PHYS 2010 OR PHYS 2110 + 2111	Algebra based Physics I Calculus based Physics I + Lab	4
MATH 1720	Pre calculus II	3	PHYS 2020 OR PHYS 2120 + 2121	Algebra based Physics II Calculus based Physics II + Lab	4
MATH 1830 + MIT 1835 MATH 1910	Concepts of Calculus + Calculus for Engineering Technology Lab Calculus I	4	MIT 2000	Occupational Safety	2
Humanities/Fine Arts Electives		6	PSY 2010	General Psychology	3

ENGR 1020 ¹	Connections to Engineering & Technology	1	MIT 2400	Statics and Strength of Materials	3
			MIT 2063	Metal Manufacturing Technology	3

¹ This course not included in 120 hour curriculum.

² MATLAB

³ Business Electives: BMGT 3630, BMGT 4520, ~~DS 2810~~, DS 3620, DS 3540, ~~ECON 2020~~, FIN 3210, LAW 3810 or MKT 3400.

⁴ Technical Electives: 3010, 3080, 3460, 3560, 4010, 4060, 4140, 4210, 4220, 4300, 4400, 4430, 4450, 4500, 4990, ~~ECE 3835~~, and ME 4430.

_____ Dr. Loutzenheiser moved to approve the changes effective Spring 2012. The motion was seconded by Dr. Mills and carried.

In a memorandum dated October 24, 2011, approval was requested for the following:

Curriculum Changes:

Re-number AGRN 2210 to 3210 and add lab AGRN 3220 (1) in the junior year—*to reflect changes in the Agronomy & Soils curriculum*

The addition of the AGET lab classes, 2115 and 3115 were needed as they are co-requisite to 2110 and 3110. *Only one of these*