Minutes of the Campus Curricula Committee Meeting
March 6, 2013
12 pm, Room 117 Fulton Hall

Attendees: Lahne Black, Eric Bryant (representing Irina Ivliyeva), Barry Flachsbart, Keith Nisbett, Steve Raper, Daniel Tauritz, and Jennifer Thorpe.

The following curriculum forms were discussed and approved:

Degree Change Forms:
- DC #0452
- DC #0453
- DC #0457
- DC #0458

Course Change Forms:
- CC #8366
- CC #8367
- CC #8368

Experimental Course Forms:
- EC #2460

DC #0463 was rejected by the committee because the originating department has not been assigned to a DSCC.

The items below were tabled pending further action/clarification to be provided by the academic department responsible for each:
- DC #0450, Bachelor of Science in Mechanical Engineering.
- DC #0451, Bachelor of Science in Aerospace Engineering.
- CC #8307, Explosives Engineering 411, Research Methods.
- CC #8425, Mining Engineering 476, Sustainability In Mining.
CC #8426, Mining Engineering 424, Underground Mine Design.
CC #8427, Mining Engineering 426, Surface Mine Design.

The meeting adjourned at 2:10 pm.

Daniel Tauritz, Chair
Missouri S&T Campus Curricula Committee
Effective Year: 2013

Effective Term: Summer □ Fall ☑ Spring □
(Creating or modifying a degree program must be effective for a Fall term)

Degree Change Form (DC)

This form is to be used for creating or modifying degree programs, emphasis areas, and minors.

Title of degree program, emphasis area, or minor:
Business and Management Systems B.S., Minor in Marketing

Department: Business and Information Technology

The minor in Marketing is changing to expand and clarify the requirements beyond the first 6 hours. [Items (1) and (2) are identical to the current requirements; item (3) currently only states 9 hours of Marketing electives.]

Requirements will now be: Fifteen hours of course work, as listed below:
1) Econ 121 - Principles of Microeconomics or Econ 122 - Principles of Macroeconomics.
2) MKT 311 - Marketing.
3) 9 hours from the following list
   MKT 321 - Consumer Behavior
   MKT 331 - Digital Marketing and Promotions
   MKT 350 - Customer Focus and Satisfaction
   MKT 380 - Marketing Strategy
   ERP 342 - Customer Relationship Management in an ERP Environment
   Other Marketing electives approved by the department (MKT 300 and above)

At least 6 hours of the minor course work must be taken in residence at Missouri S&T.

Briefly describe action requested (Attach documentation as appropriate):

Recommended by Department: ___________________________ (Chair signature) Date: 1/25/13

Recommended by: ___________________________ (Chair signature) Date: 1/30/13
Discipline Specific Curricula Committee

Approved by Curricula Committee: ___________________________ (Chair signature) Date: 3/8/2013

Approved by Faculty Senate: ___________________________ (Chair signature) Date:_________
Effective Year: 2013
Effective Term: Summer □ Fall □ Spring □
(Creating or modifying a degree program must be effective for a Fall term)

Degree Change Form (DC)

This form is to be used for creating or modifying degree programs, emphasis areas, and minors.

Title of degree program, emphasis area, or minor:
Business and Management Systems B.S., Minor in Management

Department: Business and Information Technology

Briefly describe action requested (Attach documentation as appropriate):
The minor in Management consists of 15 hours, as follows:
1) BUS 110 - Management and Organizational Behavior
2) one course from the following:
   BUS 230 - Business Law
   BUS 315 - Leadership and Teambuilding
   BUS 360 - Operations Management
   BUS 380 - Strategic Management
   IST 361 - Information Systems Project Management
3) and three courses from the following:
   BUS 311 - Business Negotiations
   BUS 350 - Managing Product and Service Quality
   BUS 370 - Human Resource Management
   EMgt 254 - Introduction to Project Management

At least 6 hours of the minor course work must be taken in residence at Missouri S&T.

Recommended by Department: (Chair signature) Date: 1/25/13

Recommended by: (Chair signature) Date: 1/30/13
Discipline Specific Curricula Committee

Approved by Curricula Committee: (Chair signature) Date: 3/8/2013

Approved by Faculty Senate: (Chair signature) Date: 

(Revised 9/12/2011)
Effective Year: 2013  Effective Term: Summer ☐  Fall ☒  Spring ☐
(Creating or modifying a degree program must be effective for a Fall term.)

**Degree Change Form (DC)**

This form is to be used for creating or modifying degree programs, emphasis areas, and minors.

Title of degree program, emphasis area, or minor:
**Degree:** B.S. in Business and Management Systems
**Minor:** in Enterprise Resource Planning
**Department:** Business and Information Technology

Briefly describe action requested (attach documentation as appropriate):
**Action:** Revise Minor in Enterprise Resource Planning

The present and revised Minor are listed on the attached page, which is from the Undergraduate Catalog.

Recommended by Department: ____________________________ (Chair signature)  Date: 3/6/2013

Recommended by DSCC: ______________________________ (Chair signature)  Date: 3/6/2013

Approved by Curricula Committee: _____________________ (Chair signature)  Date: 3/8/2013

Approved by Faculty Senate: ___________________________ (Chair signature)  Date: __________

Revised November 2012
<table>
<thead>
<tr>
<th>Current Wording</th>
<th>Revised Wording</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Minor in Enterprise Resource Planning (ERP)</strong></td>
<td><strong>Minor in Enterprise Resource Planning (ERP)</strong></td>
</tr>
<tr>
<td>A minor in ERP* requires the following 15 hours of</td>
<td>A minor in ERP* requires the following 15 hours of</td>
</tr>
<tr>
<td>course work:</td>
<td>course work:</td>
</tr>
<tr>
<td>1) Bus 120 - Financial Accounting</td>
<td>1) Bus 120 - Financial Accounting</td>
</tr>
<tr>
<td>2) ERP 246 - Introduction to ERP</td>
<td>2) ERP 246 - Introduction to ERP</td>
</tr>
<tr>
<td>3) ERP 346 - ERP Systems Design and Implementation</td>
<td>3) ERP 346 - ERP Systems Design and Implementation</td>
</tr>
<tr>
<td>AND 6 hours of electives in ERP chosen from the</td>
<td>4) 6 hours of electives from any other ERP-designated</td>
</tr>
<tr>
<td>following:</td>
<td>courses at the 300-level.</td>
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<tr>
<td>1) ERP 345 - Use of Business Intelligence</td>
<td></td>
</tr>
<tr>
<td>2) ERP 347 - Supply Chain Management Systems</td>
<td></td>
</tr>
<tr>
<td>3) ERP 348 - Strategic Enterprise Management Systems</td>
<td></td>
</tr>
<tr>
<td>4) ERP 349 - ERP System Administration</td>
<td></td>
</tr>
</tbody>
</table>
Effective Year: 2013  Effective Term: Summer ☐  Fall ☑  Spring ☐
(Creating or modifying a degree program must be effective for a Fall term.)

Degree Change Form (DC)
This form is to be used for creating or modifying degree programs, emphasis areas, and minors.

Title of degree program, emphasis area, or minor:
Degree: B.S. in Information Science and Technology
Emphasis Area: Enterprise Resource Planning

Department: Business and Information Technology

Briefly describe action requested (attach documentation as appropriate):
Action: Revise Emphasis Area in Enterprise Resource Planning

The present and revised Emphasis Areas are listed on the attached page, which is from the Undergraduate Catalog.

Recommended by Department:  
(Chair signature)  
Date: 3/6/2013

Recommended by DSCC:  
(Chair signature)  
Date: 3/6/2013

Approved by Curricula Committee:  
(Chair signature)  
Date: 3/1/2013

Approved by Faculty Senate:  
(Chair signature)  
Date:  

Revised November 2012
<table>
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<th>Current Wording</th>
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<tr>
<td><strong>Emphasis Areas</strong></td>
<td><strong>Emphasis Areas</strong></td>
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</table>
Effective Year: 2013  Effective Term: Summer □  Fall □  Spring □
(Creating or modifying a degree program must be effective for a Fall term.)

Degree Change Form (DC)
This form is to be used for creating or modifying degree programs, emphasis areas, and minors.

Title of degree program, emphasis area, or minor:
Degree: B.S. in Information Science and Technology
Minor: Mobile Business and Technology

Department: Business and Information Technology

Briefly describe action requested (attach documentation as appropriate):
Action: Add Minor in Mobile Business and Technology

Minor is listed on the attached page, which is in the format for the Undergraduate Catalog.

Recommended by Department: [Signature]  Date: 3/6/2013

Recommended by DSCC: [Signature]  Date: 3/6/2013

Approved by Curricula Committee: [Signature]  Date: 3/8/2013

Approved by Faculty Senate: [Signature]  Date: 

Revised November 2012
<table>
<thead>
<tr>
<th>Current Wording</th>
<th>Revised Wording</th>
</tr>
</thead>
</table>
| <None - new Minor> | **Minor in Mobile Business and Technology**  
A minor in Mobile Business and Technology requires 15 hours of courses:  
1) IST 241-Electronic and Mobile Commerce  
2) IST 335-Fundamentals of Mobile Technology for Business  
3) ERP 341-Enterprise Portal and Mobile Application Development  
4) 6 hours of electives chosen from the following:  
   IST 233-Introduction to Telecommunications Networks  
   IST 352-Advanced Web Development  
   IST 386-Human-Computer Interaction Prototyping  
   ERP 342-Customer Relationship Management in an ERP Environment  
   ERP 347-Supply Chain Management Systems in an ERP Environment  
   ERP 348-Performance Dashboard, Scorecard, and Data Visualizations |
Effective Year: 2013  Effective Term: Summer □ Fall □ Spring □
(Creating or modifying a degree program must be effective for a Fall term.)

Degree Change Form (DC)

This form is to be used for creating or modifying degree programs, emphasis areas, and minors.

Title of degree program, emphasis area, or minor:
B.S. in Management and Information Systems
Business and Information Technology

Department: Business and Information Technology

Briefly describe action requested (attach documentation as appropriate):
The required courses BUS 10 (0.5 credit) and BUS 11 (0.5 credits) will be replaced with BUS 10 (1 credit).

(BUS 10 will be planned for the first semester of the Freshman Year; this is illustrated in the attached Catalog Changes.)

In addition, we are revising the following Areas of Concentration within the B.S.-Business and Management Systems program:
Enterprise Resource Planning
Management
Marketing
(Changes are illustrated in attached Catalog Changes.)

Recommended by Department: ___________________________ (Chair signature)  Date: 2/5/13
Recommended by DSCC: ___________________________ (Chair signature)  Date: 2/5/13
Approved by Curricula Committee: ___________________________ (Chair signature)  Date: 3/8/2013
Approved by Faculty Senate: ___________________________ (Chair signature)  Date: __________
<table>
<thead>
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<td><strong>Bachelor of Science</strong></td>
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<td><strong>Business and Management Systems</strong></td>
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<td><strong>FRESHMAN YEAR</strong></td>
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<td>Psych 50 General Psychology</td>
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<td>Bus 10 Introduction to College Success I</td>
<td>Bus 10 Introduction to College Success I</td>
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<tr>
<td>Bus 11 Introduction to College Success II</td>
<td>IST 50 Intro to Management Information Systems</td>
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<tr>
<td>Bus 110 Mgt &amp; Org Behavior</td>
<td>BUS 120 Financial Accounting</td>
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<td>Math 12 Business Calculus</td>
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<td>History Elective</td>
<td>IST 51 Implementation of IS I</td>
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<td>IST 50 Intro to Management Information Systems</td>
<td>Fine Art, Social Science, or Humanities Elective</td>
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<td>Econ 121 Microeconomics</td>
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<td>BUS 120 Financial Accounting</td>
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<td>Econ 122 Macroeconomics</td>
<td>Math 12 Business Calculus</td>
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<td>Stat 211 Stat Tools for Decision Making</td>
<td>IST 51 Implementation of IS I</td>
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<td>IST 51 Implementation of IS I</td>
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<td>Speech 85 Princ of Speech</td>
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<td><strong>Second Semester</strong></td>
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<tr>
<td>English 65 or Tech Com 65 Intro to Tech Com.</td>
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<td>Speech 85 Princ of Speech</td>
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<td>Science Elective</td>
<td>IST 151 Implementation of IS II</td>
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<td>Finance 250 Corporate Finance I</td>
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<td>Bus 320 Managerial Accounting</td>
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<td><strong>Second Semester</strong></td>
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<tr>
<td>Speech or Tech Com Elective</td>
<td>Econ 211 Intro to Econ Stat</td>
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<tr>
<td>Political Science 90 American Government</td>
<td>Bus 380 Strategic Management</td>
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<tr>
<td>Bus 230 Business Law</td>
<td>English 260 or Tech Com 260 Practicum in Technical Communication</td>
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<td>Econ 211 Intro to Econ Stat</td>
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<td>Business Elective</td>
<td>Free Elective</td>
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<td><strong>SENIOR YEAR</strong></td>
<td><strong>SENIOR YEAR</strong></td>
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<td>Course</td>
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<td>-----------------------------------------------------------------------</td>
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<tr>
<td>Bus 380 Strategic Management</td>
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<td>Business Electives</td>
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<tr>
<td>Free Elective</td>
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<td>Bus 397 Senior Design I</td>
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<td><strong>Second Semester</strong></td>
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<td>Bus 398 Senior Design II</td>
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<td>English 260 or Tech Com 260 Practicum in Technical Communication</td>
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<td>Free Electives</td>
<td>9</td>
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<td><strong>Total</strong></td>
<td><strong>17</strong></td>
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</table>

A grade of "C" or better is required in the following courses for graduation: Bus 10, Bus 11, Bus 397, Bus 398, IST 50, IST 51, IST 151, ERP 246, Bus 110, Bus 120, Bus 230, Econ 121, Econ 122, Mktg 311, Fin 250, Bus 360, Bus 320, Bus 380, and Econ 211.

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<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Bus 230 Business Law</td>
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<tr>
<td>Bus 360 Business Operations</td>
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<td>Fine Art, Social Science, or Humanities Elective</td>
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<tr>
<td>Business Electives</td>
<td>3</td>
</tr>
<tr>
<td>Free Elective</td>
<td>3</td>
</tr>
<tr>
<td><strong>Second Semester</strong></td>
<td></td>
</tr>
<tr>
<td>Bus 396 Business Models for Entrepreneurship and Innovation¹</td>
<td>3</td>
</tr>
<tr>
<td>Bus 375 International Business</td>
<td>3</td>
</tr>
<tr>
<td>Fine Art, Social Science, or Humanities Elective</td>
<td>3</td>
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<tr>
<td>Business Elective</td>
<td>3</td>
</tr>
<tr>
<td>Free Elective</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>15</strong></td>
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</table>

A grade of "C" or better is required in the following courses for graduation: Bus 10, Bus 396, IST 50, IST 51, IST 151, ERP 246, Bus 110, Bus 120, Bus 230, Econ 121, Econ 122, Mktg 311, Fin 250, Bus 360, Bus 320, Bus 375, Bus 380, and Econ 211.

¹ Writing Intensive Course
² Any course in the following areas not used for other degree requirements: Art, Economics, English, Foreign Language, History, Literature, Music, Philosophy, Political Science, Psychology, Sociology, Theater.
³ Any course in the following areas: Biology, Chemistry, Geology, Geological Engineering, Physics.
<table>
<thead>
<tr>
<th>Areas of Concentration</th>
<th>Areas of Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>All students are required to complete twelve credit hours chosen from 200 or 300 level courses in business, economics, finance, enterprise resource planning, or information science &amp; technology. A &quot;C&quot; or better is required in all twelve credit hours. If the student chooses to designate an area of concentration for these courses, focusing at least 3 courses (9 credits) in one area, he or she may do so. Students are not required to choose a concentration area. Areas of concentration are:</td>
<td>All students are required to complete twelve credit hours chosen from 200 or 300 level courses in business, economics, finance, enterprise resource planning, or information science &amp; technology. A &quot;C&quot; or better is required in all twelve credit hours. If the student chooses to designate an area of concentration for these courses, focusing at least 3 courses (9 credits) in one area, he or she may do so. Students are not required to choose a concentration area. Areas of concentration are:</td>
</tr>
<tr>
<td><strong>Enterprise Resource Planning</strong></td>
<td><strong>Enterprise Resource Planning</strong></td>
</tr>
<tr>
<td>ERP 342 - Customer Relationship Management</td>
<td>Any 9 hours of ERP-designated courses at the 300-level.</td>
</tr>
<tr>
<td>ERP 345 - Use of Business Intelligence</td>
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<tr>
<td>ERP 346 - ERP Systems Design and Implementation</td>
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<tr>
<td>ERP 347 - Supply Chain Management</td>
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<tr>
<td>ERP 348 - Strategic Engineering Management Systems</td>
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<tr>
<td>ERP 349 - ERP Systems Administration</td>
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<tr>
<td><strong>Finance</strong></td>
<td><strong>Finance</strong></td>
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<td>Fin 350 - Corporate Finance II</td>
<td>[This concentration is unchanged.]</td>
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<tr>
<td>Fin 260 - Investments I</td>
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<tr>
<td>Fin 360 - Investments II</td>
<td></td>
</tr>
<tr>
<td>Any other 300-level Finance course</td>
<td></td>
</tr>
<tr>
<td>Econ 323, 330, 337, Math 337, or Finance 330 cannot be used toward this specialization</td>
<td></td>
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<tr>
<td><strong>Human-Computer Interaction</strong></td>
<td><strong>Human-Computer Interaction</strong></td>
</tr>
<tr>
<td>IST 354 - Multimedia Development &amp; Design</td>
<td>[This concentration is unchanged.]</td>
</tr>
<tr>
<td>IST 385 - Human Computer Interaction</td>
<td></td>
</tr>
<tr>
<td>IST 386 - Human-Computer Interaction Prototyping</td>
<td></td>
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<tr>
<td>IST 387 - Human-Computer Interaction Evaluation</td>
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<tr>
<td><strong>Management</strong></td>
<td><strong>Management</strong></td>
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<tr>
<td>BUS 315 - Intro to Teambuilding and Leadership</td>
<td>BUS 315 - Intro to Teambuilding and Leadership</td>
</tr>
<tr>
<td>Any other 300-level Management course</td>
<td>IST 351 - Technological Innovation Management and Leadership</td>
</tr>
<tr>
<td><strong>Marketing</strong></td>
<td><strong>Marketing</strong></td>
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<tr>
<td>MKT 380 - Marketing Strategy</td>
<td>MKT 321 - Consumer Behavior</td>
</tr>
<tr>
<td>MKT 350 - New Product Development</td>
<td>MKT 331 - Digital Marketing and Promotions</td>
</tr>
<tr>
<td>Bus 311 - Business Negotiations</td>
<td>MKT 350 - Customer Focus and Satisfaction</td>
</tr>
<tr>
<td>Any other 300-level Marketing course</td>
<td>MKT 380 - Marketing Strategy</td>
</tr>
<tr>
<td>ERP 342 - Customer Relationship Management in an ERP Environment</td>
<td></td>
</tr>
</tbody>
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Effective Year: 2013  Effective Term: Summer □  Fall □  Spring □  
(Creating or modifying a degree program must be effective for a Fall term.)

Degree Change Form (DC)  
This form is to be used for creating or modifying degree programs, emphasis areas, and minors.

Title of degree program, emphasis area, or minor:  
B.S. in Information Science and Technology

Department:  Business and Information Technology

Briefly describe action requested (attach documentation as appropriate):  
The required courses BUS 10 (0.5 credit) and BUS 11 (0.5 credits)  
will be replaced with BUS 10 (1 credit).

(BUS 10 will be planned for the first semester of the Freshman Year; this is illustrated on the attached Catalog Changes.)

Recommended by Department:  ___________________________  Date: 1/15/13

Recommended by DSCC:  ___________________________  Date: 2/5/13

Approved by Curricula Committee:  ___________________________  Date: 3/1/2013

Approved by Faculty Senate:  ___________________________  Date:  

Revised November 2012
<table>
<thead>
<tr>
<th>Current Wording</th>
<th>Revised Wording</th>
</tr>
</thead>
</table>
| **Bachelor of Science**  
**Information Science and Technology** |  
**Bachelor of Science**  
**Information Science and Technology** |
| **FRESHMAN YEAR**  
First Semester  
Bus 10-Introduction to College Success 1     0.5  
English 20-Exposition & Argumentation     3  
Math 4-College Algebra  
Science Elective  
IST 50-Intro to Mgt Info Systems     3  
Laboratory w/ Science Elective     1  
  13.5  
Second Semester  
Bus 11-Introduction to College Success II  
Psych 50-General Psychology  
Math 12-Business Calculus  
History Elective  
IST 51-Implementation of IS I  
Econ 121-Micro Economics  
  16.5  |
| **Sophomore Year**  
First Semester  
BUS 110-Mgt & Organizational Behavior     3  
Speech 85-Principles of Speech  
Stat 211-Statistical Tools for Decision Making  
IST 151-Implementation of IS II  
English 65 or Tech Com 65 Intro to Tech Com  
  15  
Second Semester  
BUS 120-Financial Accounting  
Econ 122-Macro Economics  
Science Elective  
Mktg 311-Basic Marketing  
ERP 246-Introduction to ERP  
  15  |
| **Junior Year**  
First Semester  
IST 286-Web & Digital Media Development  
Fine Art, Social Science, or Humanities Elective  
Fin 250-Corporate Finance  
IST 233-Networks and Communications  
IST 223-Database Management  
  15  
Second Semester  
Speech or Tech Com Elective  
Pol Sci 90-American Government  
IST 243-Systems Analysis  
IST 231-Comp Inter & Operating Systems  
IST 241-E-Commerce  
  15  |
| **Senior Year**  
First Semester  
Fine Art, Social Science, or Humanities Elective  
Bus 397-Senior Design I  
Free Electives  
  6  |

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<table>
<thead>
<tr>
<th>IST Electives or Emphasis Area&lt;sup&gt;2&lt;/sup&gt;</th>
<th>6</th>
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<tr>
<td>16</td>
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<tr>
<td>Second Semester</td>
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<tr>
<td>English 260 or Tech Com 260-Practicum in</td>
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<tr>
<td>Technical Communication</td>
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<tr>
<td>Bus 398-Senior Design II</td>
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<tr>
<td>IST Elective or Emphasis Area&lt;sup&gt;4&lt;/sup&gt;</td>
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<td>Free Electives</td>
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<tr>
<td>Free Electives</td>
<td>14</td>
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</tbody>
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A grade of "C" or better is required in the following courses for graduation: Bus 10, Bus 11, Bus 397, Bus 398, IST 50, IST 51, IST 151, ERP 246, Bus 110, Bus 120, Mktg 311, Fin 250, Econ 121, Econ 122, IST 286, IST 223, IST 231, IST 233, IST 241, and IST 243.

<sup>1</sup> Writing Intensive Course

<sup>2</sup> Any Biology, Chemistry, Geology, Geological Engineering, Physics.

<sup>3</sup> Any course in the following areas not used for other degree requirements: Art, Economics, English, Foreign Language, History, Literature, Music, Philosophy, Political Science, Psychology, Sociology, Theater.

<sup>4</sup> A grade of "C" or better is required in IST Electives and Emphasis Area courses for graduation. Students choosing the Human-Computer Interaction Emphasis Area must take IST 385, 386, and 387. Students choosing the Enterprise Resource Planning Emphasis Area must take ERP 346, 347, and 348. Students who choose no Emphasis Area must take three courses from: IST 300-level, CSc 317, CSc 319.

<sup>5</sup> Math 002 may be substituted for Math 004.

<table>
<thead>
<tr>
<th>History Elective</th>
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<tr>
<td>Free Electives</td>
<td>6</td>
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<td>15</td>
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<td>Second Semester</td>
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<tr>
<td>Bus 396-Business Models for Entrepreneurship and Innovation</td>
<td>3</td>
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<tr>
<td>Pol Sci 90-American Government</td>
<td>3</td>
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<tr>
<td>IST Elective or Emphasis Area&lt;sup&gt;4&lt;/sup&gt;</td>
<td>3</td>
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<sup>1</sup> Writing Intensive Course

<sup>2</sup> Any course in the following areas: Biology, Chemistry, Geology, Geological Engineering, Physics.

<sup>3</sup> Any course in the following areas not used for other degree requirements: Art, Economics, English, Foreign Language, History, Literature, Music, Philosophy, Political Science, Psychology, Sociology, Theater.

<sup>4</sup> A grade of "C" or better is required in IST Electives and Emphasis Area courses for graduation. Students choosing the Human-Computer Interaction Emphasis Area must take IST 385, 386, and 387. Students choosing the Enterprise Resource Planning Emphasis Area must take ERP 346, 347, and 348. Students who choose no Emphasis Area must take three courses from: IST 300-level, CSc 317, CSc 319.

<sup>5</sup> Math 002 may be substituted for Math 004.
Effective Year: 2013
Effective Term: Summer ☐ Fall ☑ Spring ☐
(Creating or modifying a degree program must be effective for a Fall term)

Degree Change Form (DC)

This form is to be used for creating or modifying degree programs, emphasis areas, and minors.

Title of degree program, emphasis area, or minor:
Science, Technology, and Humanity Politics Minor

Department: History and Political Science

Briefly describe action requested (Attach documentation as appropriate):
Modifying currently offered Science, Technology, and Politics minor to a broader and more inclusive minor that incorporates more relevant courses from across campus (15 credit hours total) and change the title to Science, Technology and Humanity Minor

Students must take one of the following:
Hist 112, Hist 112, Hist 175, Hist 176, PolSc 90

Students must take one of the following:
Hist 270, Hist 275

Students must take three of the following (9 cr. hrs.) as approved by minor advisor:
Bio 150, Bio 251, Econ 307, Econ 375, EMgt 311, Engl 225, EnvEng 360, GeoEng 75, Hist 270, Hist 271, Hist 275, Hist 280, Hist 361, Hist 375, IST 351, IST 385, Phil 223, Phil 225, Phil 320, Phil 345, Phil 350, PolSc 315, Psych 307, Psych 311, Psych 314, TCom 361

Exact wording for the catalogue description is attached.

Recommended by Department: [Signature]  
Date: 1-23-13

Recommended by: [Signature]  
Discipline Specific Curricula Committee  
Date: 1-31-13

Approved by Curricula Committee: [Signature]  
Date: 

Approved by Faculty Senate: [Signature]  
Date: 

01/23/13 (Revised 9/12/2011)
Science, Technology and Humanity
Minor Degree Program

This will replace the currently offered Science, Technology and Politics minor.

Catalogue Description:

The Science, Technology and Humanity (STH) minor is designed for students who want to explore the relationship between history, the humanities, and science and technology. The minor is particularly useful for technologically oriented students, because it provides insight into humanities and social science disciplines. It also shows how these disciplines interact with science and technology, thereby broadening their horizon of thought and action and preparing them for an increasingly technologically oriented future. To minor in STH the student must complete one of the following survey courses: History 111 or 112 or 175 or 176 or Political Science 90. The student then must take either History 270 or 275. After completing the required six hours, the student will select 9 additional hours from the list below.

15 credit hours total.

Students must take one of the following:

Hist 111, Early Western Civilization
Hist 112, Modern Western Civilization
Hist 175, American History to 1877
Hist 176, American History since 1877
PolSc 90, American Government

Students must take one of the following:

Hist 270, History of Technology
Hist 275, History of Science

Students must take three of the following (9 cr. hrs. total) as approved by minor advisor:

Bio 150, Biotechnology in Film
Bio 251, Ecology
Econ 355, Energy Economics
Econ 375, Labor Economics
EMgt 311, Human Factors (co-listed with Psych 311)
Engl 225, Science Fiction and Fantasy Literature
EnvEng 360, Environmental Law and Regulation
GeoEng 75, Geological Engineering in Popular Media
Hist 270, History of Technology
Hist 271, Twentieth Century Technology and Society
Hist 275, History of Science
Hist 280, The American Military Experience
Hist 361, American Environmental History
Hist 375, Architecture, Technology, and Society, 1750-present
IST 351, Leadership in Technology Based Organizations
IST 385, Human Computer Interaction
Phil 223, Bioethics
Phil 225, Engineering Ethics
Phil 320, Minds and Machines
Phil 345, Philosophy of Science
Phil 350, Environmental Ethics
PolSc 315, Principles of Public Policy
Psych 307, Industrial Psychology
Psych 311, Human Factors (co-listed with EMgt 311)
Psych 314, Human Computer Interaction
TCom 361, History of Technical Communication
Science, Technology and Politics Minor

The Science, Technology and Politics (STP) minor is designed for students who want to explore the relationship between history, political science, and science and technology. The minor is particularly useful for technologically oriented students, because it provides insight into humanities and social science disciplines and how these disciplines interact with science and technology, thereby broadening their horizon of thought and action and preparing them for an increasingly technologically oriented future. To minor in STP the student must complete one of the following history survey courses: 111 or 112 or 175 or 176; and Political Science 90. After completing the required six hours, the student will select one of two options: The History of Science and Technology option; or the Politics and Public Policy option. Under the History of Science and Technology option, students will complete six additional hours in history plus three hours in political science. Under the Politics and Public Policy option, students will complete six additional hours in political science and three hours from history. The upper-level courses to satisfy degree requirements are as follows: HIST 270, 271, 274, 275, 280, or PHIL 345 and POL SC 237, 315, 317, and 325.

History Courses

10 Introduction to History (LEC 1.0) This required course for history majors will introduce them to the study of history, the various fields of history, and the current faculty. The course will also introduce students to the research methods of historians.

100 Special Problems (IND 0.0-6.0) Problems or readings on specific subjects or projects in the department. Consent of instructor required.

101 Special Topics (Variable 0.0-6.0) This course is designed to fulfill the requirement of history majors to take a special topics course.

110 World Regional Geography (LEC 3.0) An introduction to the distinguishing cultural and physical characteristics of the major regions of the world. Emphasis on the political problems within the regions and the contemporary issues involved.

111 Early Western Civilization (LEC 3.0) Growth and development of ideas and institutions of western culture from prehistoric man to the voyages of discovery.

112 Modern Western Civilization (LEC 3.0) A continuation of History 111 to the present with special emphasis on the philosophical, political, social, and economic backgrounds of modern society.

175 American History To 1877 (LEC 3.0) Survey of the history of the American colonies and United States from colonial times through Reconstruction.

176 American History Since 1877 (LEC 3.0)
Course Change Form (CC)
This form is for creating or modifying permanent courses.

Course Changes (Check all changes.)
New Course ☒ Course Deletion ☐ Credit Hours ☐ Prerequisites ☐
Course Title ☐ Catalog Description ☐ Course Number ☐ Co-listing ☐

Course Information (Sections 1-9 must be completed. Leave "Proposed" items blank if no change is being made.)

1. Department: Physics
2. Discipline and Course Number: Present: Proposed: Physics 304
3. Course Title: Present:
   Proposed: Sci Edu and Quantitative Literacy for Middle Sch Teachers
   Abbreviated Course Title (24 Spaces or Less. Only needed for New Courses or Title Changes.): Sci Ed & QL Mid Sch
4. Catalog Description (360 character spaces or less.)
   Present:
   Proposed: An integrated science-mathematics course for middle school teachers. Course covers selected science/mathematics topics/skills specified in Missouri standards for grades 5-7. Inquiry based methods of teaching these topics in an integrated manner will be emphasized.
5. If course requires field trip check box: ☐
6. Credit Hours: Present: Lecture Lab Total
   Proposed: Lecture 3 Lab 0 Total 3
7. Prerequisites:
   Present:
   Proposed: Current enrollment in a Teacher Education Program or a full or part-time teacher in a K-12 School
8. Required for Majors: ☐ Elective for Majors: ☒
9. Justification: This is a specialized course for the K-12 Teacher participants of the summer SEQL program grant funded.

10. Semesters previously offered as an experimental course (101, 201, 301, 401): SS12, SS11
11. List all co-listed courses, initialed by Dept. Chair, if signature does not appear below.
   1) Stat 304 ☒
   2)
   3)
   4)
   5)
   6)

Recommended by Department (Chair signature) Date: 1/18/13
Recommended by DSSC (Chair signature) Date: 2/18/2013
Approved by Curricula Committee: (Chair signature) Date: 3/18/2013
Approved by Faculty Senate: (Chair signature) Date: 
(Revised December 2012)
Course Change Form (CC)

This form is for creating or modifying permanent courses.

Course Changes
(Check all changes.)
New Course □ Course Deletion □ Credit Hours □ Prerequisites □
Course Title □ Catalog Description □ Course Number □ Co-listing □

Course Information
(1-9 Must Be Completed. Leave "Proposed" items blank if no change is being made.)
1. Department: History & Political Science
   HISTORY
2. Discipline and Course Number: Present: His 270 Proposed: 
3. Course Title: Present: History of Technology to 1900
   Proposed: History of Technology
   Abbreviated Course Title: History of Technology
   (24 Spaces or Less, Only needed for New Courses or Title Changes.)
4. Catalog Description (300 Character Spaces or Less.)
   Present: Technological achievements from prehistoric times to 1900; topics include agriculture, building and construction, communications, transportation, power sources, the Industrial Revolution, relationships between science and technology, factors in invention and innovation and sociocultural effects.
   Proposed: Technological achievements from prehistoric times to present; topics include agriculture, building and construction, communications, transportation, power sources, the Industrial Revolution, relationships between science and technology, factors in invention and innovation and sociocultural effects.
5. If course requires field trip check box: □
6. Credit Hours:
   Present: Lecture: 3.0 Lab: 0 Total: 3
   Proposed: Lecture: Lab: Total:
7. Prerequisites:
   Present: Prerequisite: Hist 111 or 112 or 175 or 176.
   Proposed:
8. Required for Majors: □ Elective for Majors: □
9. Justification: Aligning title with what is taught in the course and how course is structured.

10. Semesters previously offered as an experimental course (101, 201, 301, 401):
11. List all co-listed courses, initialed by Dept. Chair, if signature does not appear below.
   1) 2) 3) 
   4) 5) 6)
   Recommended by Department:
   (Chair signature)
   Recommended by Discipline Specific Curricula Committee:
   (Chair signature)
   Approved by Curricula Committee:
   (Chair signature)
   Approved by Faculty Senate:
   (Chair signature)

Date: 1-22-13
Date: 1-23-13
Date: 3/8/2013
Date:
Course Change Form (CC)

This form is for creating or modifying permanent courses.

**Course Changes** (Check all changes.)
- New Course ☑
- Course Deletion ☐
- Credit Hours ☐
- Prerequisites ☐
- Course Title
- Catalog Description
- Course Number
- Co-listing ☐

**Course Information** (1-9 Must Be Completed. Leave “Proposed” items blank if no change is being made.)

1. Department: ALP
   - Girls, Languages & Philosophy

2. Discipline and Course Number: Present:
   - Proposed: 397

3. Course Title:
   - Proposed: Multidisciplinary Studies Capstone
   - Abbreviated Course Title:
     - (24 Spaces or Less. Only needed for New Courses or Title Changes.)

4. Catalog Description (300 Character Spaces or Less.)
   - Present:
     - Proposed: Individually designed by the student and advisor with the approval of the advisory committee, this course is to reflect the student’s ability to synthesize methods and knowledge from each focus area in his/her program into an academically coherent product.

5. If course requires field trip check box: ☐

6. Credit Hours:
   - Present: 3
   - Proposed:
   - Lecture: 3
   - Lab: 0
   - Total: 3

7. Prerequisites:
   - Present:
     - Proposed: Senior status

8. Required for Majors: ☑
   - Elective for Majors: ☐

9. Justification:
   - This is the final course in the Bachelor of Multidisciplinary Studies degree program.

10. Semesters previously offered as an experimental course (101, 201, 301, 401):
    - 1) 
    - 2) 
    - 3) 
    - 4) 
    - 5) 

11. List all co-listed courses, initiated by Dept. Chair, if signature does not appear below.
    - 1) 
    - 2) 
    - 3) 

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Recommended by Department

Recommended by Discipline Specific Curricula Committee

Approved by Curricula Committee:

Approved by Faculty Senate:

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Date: Jan 23, 2013
Date: Jun 23, 2013
Date: 3/18/2013
Date: 

(Revised 1/29/09)
Effective Year: 2013  Effective Term:  Summer ☑  Fall ☑  Spring □

Course Change Form (CC)
This form is for creating or modifying permanent courses.

Course Changes  (Check all changes.)
- New Course ☑  Course Deletion □  Credit Hours □  Prerequisites □
- Course Title □  Catalog Description □  Course Number □  Co-listing □

Course Information  (Sections 1-9 must be completed. Leave "Proposed" items blank if no change is being made.)
1. Department:  Business and Information Technology
2. Discipline and Course Number:  Present:  Proposed: MKT 321
3. Course Title:  Present:  Proposed: Consumer Behavior
   Abbreviated Course Title (24 Spaces or Less. Only needed for New Courses or Title Changes.):
4. Catalog Description (360 character spaces or less.)
   Present:  Proposed: Introduces and applies important concepts, principles, and theories to understand consumer decision-making processes in the purchase, usage and disposal of goods and services. Examines the influence of cultural, social, and psychological factors on consumer behavior.
5. If course requires field trip check box: □
6. Credit Hours:  Present:  Lecture 3  Lab 0  Total 3  Proposed:  Lecture  Lab  Total
7. Prerequisites:
   Present:  Proposed: MKT 311
8. Required for Majors: □  Elective for Majors: ☑
9. Justification:  Offered twice as MKT 301
10. Semesters previously offered as an experimental course (101, 201, 301, 401):  Sp12, Sp13
11. List all co-listed courses, initialed by Dept. Chair, if signature does not appear below.
   1)  3)  5)
   2)  4)  6)

Recommended by Department:  Date: 1/25/13  
(Chair signature)

Recommended by DSCC:  Date: 1/30/13  
(Chair signature)

Approved by Curricula Committee:  Date: 3/8/2013  
(Chair signature)

Approved by Faculty Senate:  Date:
(Chair signature)
Course Change Form (CC)

This form is for creating or modifying permanent courses.

Course Changes (Check all changes.)
- New Course □
- Course Deletion □
- Credit Hours □
- Prerequisites □
- Course Title □
- Catalog Description □
- Course Number □
- Co-listing □

Course Information (Sections 1-9 must be completed. Leave "Proposed" items blank if no change is being made.)

1. Department: Business and Information Technology

2. Discipline and Course Number: Present: □ Proposed: BUS 10

3. Course Title: Present: Introduction to College Success
   Proposed: Introduction to College Success
   Abbreviated Course Title (24 Spaces or Less. Only needed for New Courses or Title Changes.): Intro to College Success

4. Catalog Description (360 character spaces or less.)
   Present: Students learn essential skills for success in Business and Information Technology. The course creates a sense of community in the department and prepares the students for the business world.
   Proposed: This course teaches essential skills for success in Business and Information Technology and a student's future career. The course creates a sense of community in the department and prepares the student for the business world.

5. If course requires field trip check box: □

6. Credit Hours: Present: Lecture 0 Lab 0.5 Total 0.5
   Proposed: Lecture 1 Lab 0 Total 1

7. Prerequisites:
   Present: □
   Proposed: □

8. Required for Majors: □ Elective for Majors: □

9. Justification: Change of credit from 1/2 to 1 credit; BUS 11 will become elective and may even be dropped later.

10. Semesters previously offered as an experimental course (101, 201, 301, 401):

11. List all co-listed courses, initialed by Dept. Chair, if signature does not appear below.
   1) □ 2) □ 3) □ 4) □ 5) □ 6) □

Recommended by Department
(Chair signature) Date: 1/30/13

Recommended by DSCC
(Chair signature) Date: 2/6/13

Approved by Curricula Committee:
(Chair signature) Date: 3/8/2013

Approved by Faculty Senate:
(Chair signature) Date: ____________

11/2/2012 (Revised October 2012)
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Experimental Course Form (EC)

An EC form must be submitted before an experimental course is to be offered. EC forms approved Spring 2009 or later allow the course to be offered twice at any time during the following three year period. After an experimental course has been offered twice, a CC form may be submitted to request a permanent course number.

A new course that is required as part of a degree program, minor, or graduate certificate may be submitted on a CC form to receive a permanent course number.

Co-listed offerings should be submitted on one form, originating from the primary discipline.

Department: Arts, Languages, and Philosophy

Discipline and Course Number: PHILOS 301

Course Title: Theoretical Ethics

Abbreviated Title (24 spaces or less): Theoretical Ethics

Instructor(s): Jonathan Finch

Credit Hours: Lecture 3  Lab 0  Total 3

Prerequisites: A previous course in philosophy or Junior standing

Semester(s) previously taught: 0

Brief Course Description (360 character spaces or less): The course takes an historical approach to ethical theories. It begins with Aristotle, followed by Kant and then Mill. The three primary ethical theories, virtue, outcome based moral reasoning and ethical intent are studied and discussed. No-lecture, asynchronous online.

List all co-listed courses: Include initials of Department Chair, if signature is not already included below.

1) 3) 5)
2) 4) 6)

Recommended by Department: [Signature]  Date: 5/9/2013

Recommended by DSCC: [Signature]  Date: 5/9/2013

Approved by Curricula Committee: [Signature]  Date: 3/8/2013

11/2/2012

(Revised October 2012)