Document N: Course and Program Development:
IMPACT AND APPROVAL SIGNATURES

See Course and Program Development Policy and Procedures (www.ubalt.edu/provost) for instructions.

SCHOOL: LAW ♦ MSB ♦ CAS ♦ CPA

CONTACT NAME: Kathryn Summers PHONE: x6202

DEPARTMENT/DIVISION: Science, Information Arts, & Technology DATE PREPARED: 9/8/14

PROPOSED SEMESTER OF IMPLEMENTATION: fall ♦ spring YEAR: 2015

TYPE OF ACTION: ☐ add (new) ☐ deactivate ☐ modify ☐ other
LEVEL OF ACTION: ☐ noncredit ☐ undergraduate ☐ graduate ☐ other

ACTION BEING REQUESTED (select one category, either Course Actions or Program Actions):

☐ COURSE ACTIONS

Program Requirements
10. Undergraduate Specialization (24 credits or fewer)
11a. Undergraduate Specialization (24 credits or fewer)
11b. Master's Specialization (12 credits or fewer)
11c. Doctoral Specialization (18 credits or fewer)
12. Minor (add or delete)
13. Closed Site Program
14. Program Suspension
15. Program Reactivation
16a. Certificate Program (UG/G) exclusively within existing degree program
16b. Certificate Program (UG/G) outside of or across degree programs (12 or more credits)
17. Off-Campus Delivery of Existing Programs
18a. Undergraduate Concentration (exceeds 24 credits)
18b. Master's Concentration (exceeds 12 credits)
18c. Doctoral Concentration (exceeds 18 credits)
19. Program Title Change
20. Program Termination
21. New Degree Program
22. Other

PROGRAM ACTIONS

Select one or multiple actions from one of the lists below (review the list of necessary documents and signatures):

Original Subject Code/Course Number: Original Program Title:

Original Course Title:

Select one or multiple actions from one of the lists below (review the list of necessary documents and signatures):

COURSE ACTIONS
1. Experimental Course
2. Course Title
3. Course Credits
4. Course Number
5. Course Level
6. Pre- and Co-Req
7. Course Description
8. New Course
9. Deactivate Course
22. Other

PROGRAM ACTIONS
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ADDITIONAL DOCUMENTATION (check all appropriate boxes of documents included; review the list of necessary documents):

☐ summary proposal (O) ☐ course definition document (P) ☐ full five-page MHEC proposal (Q)
☐ financial tables (MHEC) (R) ☐ other documents as may be required by MHEC/USM (S) ☐ other (T)

Summer 2010
### IMPACT REVIEW (review the list of necessary signatures):

<table>
<thead>
<tr>
<th>Impacted Entity</th>
<th>Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Library</td>
<td></td>
<td></td>
</tr>
<tr>
<td>✔ no impact</td>
<td></td>
<td></td>
</tr>
<tr>
<td>✔ impact statement attached</td>
<td></td>
<td></td>
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<tr>
<td>b. OTS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>✔ no impact</td>
<td></td>
<td></td>
</tr>
<tr>
<td>✔ impact statement attached</td>
<td></td>
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<tr>
<td>c. University Relations</td>
<td></td>
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<tr>
<td>✔ no impact</td>
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<tr>
<td>✔ impact statement attached</td>
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<td>d. Admissions</td>
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<td>✔ no impact</td>
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<tr>
<td>✔ impact statement attached</td>
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<tr>
<td>e. Records</td>
<td></td>
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<tr>
<td>✔ no impact</td>
<td></td>
<td></td>
</tr>
<tr>
<td>✔ impact statement attached</td>
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### APPROVAL SEQUENCE (review the list of necessary signatures):

<table>
<thead>
<tr>
<th>Approval Level</th>
<th>Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Department/Division (Chair)</td>
<td>Deborah Koth</td>
<td>8-28-14</td>
</tr>
<tr>
<td>B. General Education (for No. 7, 8)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C. Final Faculty Review Body Within Each School (Chair)</td>
<td>Candy K. J.</td>
<td>9/15/14</td>
</tr>
<tr>
<td>D. Dean</td>
<td>Sandra Heir</td>
<td>9/18/14</td>
</tr>
<tr>
<td>E. University Faculty Senate (Chair)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>F. University Council (Chair)</td>
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<td></td>
</tr>
<tr>
<td>G. Provost and Senior Vice President for Academic Affairs</td>
<td>Carol T. M.</td>
<td>10-14-14</td>
</tr>
<tr>
<td>H. President</td>
<td></td>
<td></td>
</tr>
<tr>
<td>I. Board of Regents (notification only)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>J. Board of Regents (approval)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>K. MHEC (notification only)</td>
<td></td>
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<tr>
<td>L. MHEC (approval)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>M. Middle States Association notification</td>
<td>Required only if the University's mission is changed by the action</td>
<td></td>
</tr>
</tbody>
</table>

1 University Council review (for recommendation to the president or back to the provost) shall be limited to curricular or academic policy issues that may potentially affect the University's mission and strategic planning, or have a significant impact on the generation or allocation of its financial resources.

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Document O: Course and Program Development: SUMMARY PROPOSAL
See Course and Program Development Policy and Procedures (www.ubalt.edu/provost) for instructions.

SCHOOL:  
- LAW
- MSB
- CAS
- CPA

CONTACT NAME: Kathryn Summers  
PHONE: k6202

DEPARTMENT/DIVISION: Science, Information Arts, & Technology  
DATE PREPARED: 9/8/14

PROPOSED SEMESTER OF IMPLEMENTATION:  
- fall
- spring

YEAR: 2015

ACTION BEING REQUESTED (select one category, either Course Actions or Program Actions):

- COURSE ACTIONS

Original Subject Code/Course Number:  
Original Course Title:

- PROGRAM ACTIONS

Original Program Title:

Select one or multiple actions from one of the lists below (review the list of necessary documents and signatures):

COURSE ACTIONS

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21. New Degree Program
22. Other

For changes to existing courses:

OLD TITLE

NEW TITLE

SUBJECT CODE/COURSE NO.  
CREDITS

SUBJECT CODE/COURSE NO.  
IDIA 712  
CREDITS

Summer 2010
**DESCRIPT THE REQUESTED COURSE/PROGRAM ACTION (additional pages may be attached if necessary):**

<table>
<thead>
<tr>
<th>IDIA 712: Topics in Advanced Interaction Design</th>
</tr>
</thead>
<tbody>
<tr>
<td>Add an advanced course in interaction design to the IDIA program.</td>
</tr>
<tr>
<td>The topic of this course will vary, based on faculty interests and student needs. Planned topics include multi-platform interactions such as kiosks, mobile devices, ambient 3D installations, and table-top touchscreens.</td>
</tr>
<tr>
<td>Catalog description: Intensive exploration of topics in advanced interaction design of mutual interest to students and faculty. Content varies according to the concurrent interests of faculty and students. Course may be repeated for credit when topic changes. Lab fee required. Prerequisite: PBDS 660 or passing score on the hypermedia proficiency exam and IDIA 612.</td>
</tr>
</tbody>
</table>

**SET FORTH THE RATIONALE FOR THIS PROPOSAL:**

This advanced course will allow advanced students and faculty to pursue specialized topics in interaction design.

Adding this course broadens and deepens our offerings for students in the interaction design area of focus for the master's and doctoral degrees.
1. DATE PREPARED
9/8/14

2. PREPARED BY
Kathryn Summers

3. DEPARTMENT/DIVISION
Science, Information Arts, & Technology

4. COURSE NUMBER(S) with SUBJECT CODE(S)
IDIA 712

5. COURSE TITLE
Topics in Advanced Interaction Design

6. CREDIT HOURS
3

7. CATALOG DESCRIPTION
Intensive exploration of topics in advanced interaction design of mutual interest to students and faculty. Content varies according to the concurrent interests of faculty and students. Course may be repeated for credit when topic changes. Lab fee required.

prerequisite: PBDS 660 or passing score on the hypermedia proficiency exam and IDIA 612

8. PREREQUISITES
PBDS 660 or passing score on the hypermedia proficiency exam; IDIA 612

9. COURSE PURPOSE (how the course is to be used in the curriculum; e.g., required for the major, elective, etc.)
elective

10. GENERAL EDUCATION AREA (if applicable; e.g., social sciences, humanities, mathematics, etc.)

11. COURSE TYPE/COMPONENT (clinical, continuance, discussion, field studies, independent study, laboratory, lecture, practicum, research, seminar, supervision, thesis research, tutorial or workshop; this must match PeopleSoft 9.0 coding, so check with your dean's office if you are unsure of the correct entry)
lecture

Summer 2010
12. FACULTY QUALIFIED TO TEACH COURSE

Kathryn Summers, Greg Walsh, Andrew Turrell (adjunct), Ben Schweitzer (adjunct)

13. CONTENT OUTLINE

1. Interaction design beyond the Web
2. Users’ motivations and limitations
3. Special populations
4. Designing for indirect manipulations (Web, TV)
5. Designing for direct manipulations (mobile, tablet, kiosk)
6. Wireframing and informal user testing
7. Paper and technical prototyping
8. Conventions, heuristics, mental models, metaphors
9. Aesthetics and game mechanics

14. LEARNING GOALS

1. Evaluate interfaces using a variety of heuristics
2. Perform persona-based evaluations of interfaces, using personas that represent a variety of special audiences
3. Demonstrate an ability to learn about user characteristics, goals, and limitations using a variety of user research activities
4. Create practical, persuasive, and attractive deliverables
5. Demonstrate knowledge of the use patterns and design conventions for specific platforms, including Web, mobile, and tablet

15. ASSESSMENT STRATEGIES

Papers and research reports (may assess learning goals 1, 2, 3), presentations (may assess learning goals 4, 5)

16. SUGGESTED TEXT(S) and MATERIALS (e.g. textbooks, equipment, software, etc., that students must purchase)


17. SPECIAL GRADING OPTIONS (if applicable)

none

18. SUGGESTED CLASS SIZE

20

19. LAB FEES (if applicable)

Summer 2010
$65; Fees are used to support hardware and software needs (Adobe graphics programs, prototyping software, Morae, and Camtasia) for the SIAT computer classroom labs where the course is offered.