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: Charles Tumosa
PHONE: 410 832 6084

DEPARTMENT/DIVISION: School of Criminal Justice
DATE PREPARED: 10/1/13

PROPOSED SEMESTER OF IMPLEMENTATION: fall winter spring
YEAR: 2014

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 ACTIONS

Original Subject Code/Course Number: FSCS 466

Original Program Title:

Instrumental Analysis in Document Examination

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

<table>
<thead>
<tr>
<th>COURSE ACTIONS</th>
<th>PROGRAM ACTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Experimental Course</td>
<td>10. Program Requirements</td>
</tr>
<tr>
<td>2. Course Title</td>
<td>11a. Undergraduate Specialization (24 credits or fewer)</td>
</tr>
<tr>
<td>3. Course Credits</td>
<td>11b. Master’s Specialization (12 credits or fewer)</td>
</tr>
<tr>
<td>4. Course Number</td>
<td>11c. Doctoral Specialization (18 credits or fewer)</td>
</tr>
<tr>
<td>5. Course Level</td>
<td>12. Minor (add or delete)</td>
</tr>
<tr>
<td>6. Pre- and Co-Requisite</td>
<td>13. Closed Site Program</td>
</tr>
<tr>
<td>7. Course Description</td>
<td>14. Program Suspension</td>
</tr>
<tr>
<td>8. New Course</td>
<td>15. Program Reactivation</td>
</tr>
<tr>
<td>✓ 9. Deactivate Course</td>
<td>16a. Certificate Program (UG/G) exclusively within existing degree program</td>
</tr>
<tr>
<td></td>
<td>16b. Certificate Program (UG/G) outside of or across degree programs (12 or more credits)</td>
</tr>
<tr>
<td></td>
<td>17. Off-Campus Delivery of Existing Programs</td>
</tr>
<tr>
<td></td>
<td>18a. Undergraduate Concentration (exceeds 24 credits)</td>
</tr>
<tr>
<td></td>
<td>18b. Master’s Concentration (exceeds 12 credits)</td>
</tr>
<tr>
<td></td>
<td>18c. Doctoral Concentration (exceeds 18 credits)</td>
</tr>
<tr>
<td></td>
<td>19. Program Title Change</td>
</tr>
<tr>
<td></td>
<td>20. Program Termination</td>
</tr>
<tr>
<td></td>
<td>21. New Degree Program</td>
</tr>
<tr>
<td></td>
<td>22. Other</td>
</tr>
</tbody>
</table>

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

- 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)
### 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>no impact</td>
<td></td>
</tr>
<tr>
<td>b. OTS</td>
<td>no impact</td>
<td></td>
</tr>
<tr>
<td>c. University Relations</td>
<td>no impact</td>
<td></td>
</tr>
<tr>
<td>d. Admissions</td>
<td>no impact</td>
<td></td>
</tr>
<tr>
<td>e. Records</td>
<td>no impact</td>
<td></td>
</tr>
</tbody>
</table>

### 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>Debra T. Stanley</td>
<td>10/7/13</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></td>
<td>10/21/13</td>
</tr>
<tr>
<td>D. Dean</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E. University Faculty Senate (Chair)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>F. University Council (Chair)¹</td>
<td></td>
<td></td>
</tr>
<tr>
<td>G. Provost and Senior Vice President for Academic Affairs</td>
<td></td>
<td>3/11/14</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>
<td></td>
</tr>
<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.
Document 0: 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: Charles Tumosa PHONE: 410 832 6084

DEPARTMENT/DIVISION: School of Criminal Justice DATE PREPARED: 10/1/13

PROPOSED SEMESTER OF IMPLEMENTATION: fall spring YEAR: 2014

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

○ COURSE ACTIONS

Original Subject Code/Course Number:

Original Course 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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2. Course Title
3. Course Credits
4. Course Number
5. Course Level
6. Pre- and Co-Requisite
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✓ 8. New Course
9. Deactivate Course
22. Other

PROGRAM ACTIONS

10. Program Requirements
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22. Other

For changes to existing courses: NEW COURSE

OLD TITLE

NEW TITLE Instrumental Analysis in Document Examination

SUBJECT CODE/COURSE NO. FSCS 460
CREDITS 4
This course involves the student in the use of instrumental techniques such as image analysis, special analysis, and detection of indented writing.

FSCS 466 Instrumental Analysis in Document Examination

SET FORTH THE RATIONALE FOR THIS PROPOSAL:

This course will be third course in a sequence of document examination courses and completes the academic aspects of document examination.
1. DATE PREPARED  10/1/2013

2. PREPARED BY
Charles Tumosa, Ph.D.

3. DEPARTMENT/DIVISION  School of Criminal Justice

4. COURSE NUMBER(S) with SUBJECT CODE(S)  FSCS 466

5. COURSE TITLE  Instrumental Analysis in Document Examination

6. CREDIT HOURS  4 credits

7. CATALOG DESCRIPTION  Practical experience in using instrumental techniques to examine documents by spectral imaging and impression analysis. Laboratory fee required. Prerequisites: FSCS 462, FSCS 464 and permission of the program director

8. PREREQUISITES  FSCS 462 and FSCS 464 and Permission of Program Director

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.)  n/a

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 and forensic laboratory

Summer 2010
12. FACULTY QUALIFIED TO TEACH COURSE  Charles Tumosa Diane Lawder and Marta Iwashko

13. CONTENT OUTLINE

- Theory of Light
- Theory of Electronic Imaging
- Use of VSC6000 Spectral Imaging
- Use of ESDA2 for detecting indented writing
- Use of thin layer Chromotography

14. LEARNING GOALS  At the completion of the course students will be able to:

- Understand theory of light
- Understand electronic imaging
- Develop skill in use of VSC 6000 Imaging System

15. ASSESSMENT STRATEGIES  The learning goals will be assessed through examinations and cumulative lab assignments.

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

Published journal articles and legal documents.

17. SPECIAL GRADING OPTIONS (if applicable) none

18. SUGGESTED CLASS SIZE 10-12

19. LAB FEES (if applicable) $65

Summer 2010