APPLICATION FOR NEW COURSE

1. Submitted by College of ___Fine Arts___   Date ___November 14, 2006___

   Department/Division offering course ___ART___

2. Proposed designation and Bulletin description of this course

   a. Prefix and Number ___A-S 646___   b. Title* ___Advanced Intermedia Studio (Subtitled Required)___
      *NOTE: If the title is longer than 24 characters (including spaces), write
      A sensible title (not exceeding 24 characters) for use on transcripts _____

   c. Lecture/Discussion hours per week ___2___   d. Laboratory hours per week ___3___

   e. Studio hours per week ___3___   f. Credits ___3___

   g. Course description

      A studio course specially designed for graduate students emphasizing sustained individual, technical and theoretical work in the area of Intermedia. Nine studio hours. Prerequisites: A-S 200 and either A-S 346 or A-S 347 or consent of instructor, or graduate enrollment.

   h. Prerequisites (if any)

      A-S 200 and either A-S 346 or A-S 347 or consent of instructor, or graduate enrollment.

   i. May be repeated to a maximum of   When identified by same subtitle, maybe repeated for up to   (if applicable)
      6 credit hours. When identified by different subtitle may be repeated for up to 9 credit hours.

4. To be cross-listed as

Prefix and Number	Signature, Chairman, cross-listing department

5. Effective Date ___Fall 2007___ (semester and year)

6. Course to be offered   X   Fall   X   Spring   ☐ Summer

7. Will the course be offered each year?   X   Yes   ☐   No
   (Explain if not annually)

8. Why is this course needed?

   This course establishes a graduate level component of the MFA program in the Department of Art to meet the current demand of the graduate students specializing in the area of Intermedia. Present graduate students in this area of research rely solely on non-specific Independent Study credits, and have difficulty satisfying degree requirements. This course is designed to rectify the situation.

9. a. By whom will the course be taught? ___Dmitry Strakovsky, Doreen Maloney___

b. Are facilities for teaching the course now available?   X   Yes   ☐   No
    If not, what plans have been made for providing them?

_____

_____

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10. What enrollment may be reasonably anticipated?   12

11. Will this course serve students in the Department primarily?   X Yes   ☐ No

Will it be of service to a significant number of students outside the Department?   ☐ Yes   X No
If so, explain.

There is a potential for advanced students in disciplines such as Design, Geography, and English to take this class.

Will the course serve as a University Studies Program course?   ☐ Yes   X No

If yes, under what Area?

12. Check the category most applicable to this course

   ☐   traditional; offered in corresponding departments elsewhere;

   X   relatively new, now being widely established

   ☐   not yet to be found in many (or any) other universities

13. Is this course applicable to the requirements for at least one degree or certificate at the
University of Kentucky?   X Yes   ☐ No

14. Is this course part of a proposed new program: ☐ Yes   X No
If yes, which?

15. Will adding this course change the degree requirements in one or more programs?   ☐ Yes   X No
If yes, explain the change(s) below (NOTE -- If "yes," a program change form must also be
submitted.)

16. Attach a list of the major teaching objectives of the proposed course and outline and/or reference list to be used.

18. If the course is 400G or 500 level, include syllabi or course statement showing differentiation for undergraduate and graduate
students in assignments, grading criteria, and grading scales. X Check here if 400G-500.

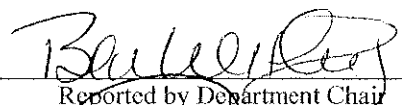19. Within the Department, who should be contacted for further information about the proposed course?

Name
   Doreen Maloney   Phone Extension   5509

APPLICATION FOR NEW COURSE

Signatures of Approval:

_2/2/07_
_____
Date of Approval by Department Faculty

_3/1/07_
_____
Date of Approval by College Faculty

_____
*Date of Approval by Undergraduate Council

_____
*Date of Approval by Graduate Council

_____
*Date of Approval by Health Care Colleges Council (HCCC)

_____
*Date of Approval by Senate Council

_____
*Date of Approval by University Senate

_____
Reported by Department Chair

_____
Reported by College Dean

_____
Reported by Undergraduate Council Chair

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Reported by Graduate Council Chair

_____
Reported by HCCC Chair

_____
Reported by Senate Council Office

_____
Reported by Senate Council Office

*If applicable, as provided by the Rules of the University Senate

Rev 7/06

Syllabus: A-S 646 Advanced Intermedia: Hacking in Art, and the Art of Hacking

Dmitry Strakovsky
Assistant Professor
Web Page: www.shiftingplanes.org
Reynolds Building #211
email: dima@shiftingplanes.org

O F F I C E   H O U R S

Email for appointment.

C O U R S E   D E S C R I P T I O N

This is a studio course specially designed for graduate students emphasizing sustained individual, technical and theoretical work in the area of Intermedia. Nine studio hours. Prerequisites: consent of instructor and graduate enrollment.

In this particular course we will investigate the hacking of consumer electronics and software programs. Social, legal, art historical and theoretical aspects of this practice will be addressed. Techniques for hacking various products will be presented and used for artwork production.

G R A D U A T E   S T U D E N T   L E A R N I N G   O B J E C T I V E S

1. To gain an ability to hack electronics and/or software
2. To understand social positioning of hacking in contemporary culture
3. Bring the hacking approach together with the hardware/software techniques acquired in previous classes
4. Development of a conceptual framework to tie the new skills to artistic advancement
5. A small research project on the on the phenomenon of hacking and possible artistic uses
6. Complete one art project based on the material presented in class.

G O A L S   &   E X P E C T A T I O N S

This is an advanced level class. A high degree of individual research is expected. The work will be evaluated on its artistic merits above any technical achievement. Student research of installation history and **_understanding of contemporary art climate_** are the main goals of the class. Purely technical demos are for the purpose of learning a particular technology and will in no way be the goal of the final project!

B O O K S

"Circuit-Bending: Build Your Own Alien Instruments" By Reed Ghazala

W E B S I T E S

We will use information from the following websites:

http://terranova.blogs.com/
http://www.machinima.com/
http://processing.org/
http://puredata.info/
http://www.arduino.cc/

Individual internet-based research is highly encouraged.

FEES: There will be a $75 Lab Materials Charge for this class. This money will go towards maintenance of computers, test equipment and purchasing of electronic part and fabrication materials.

Rules and Expectations:
You will be held responsible for the readings. You will have to share your thoughts with the class. The readings should not take up more than one hour of your time per week. If you have concerns about the readings or if you have a problem with reading, please come speak to me. WE WILL DISCUSS THE READINGS DURING THE FIRST HOUR OF CLASS (usually only one class per week)

Attendance policy:
A student's physical presence in the classroom is a prerequisite for active learning to occur. It is not enough that you do work at home on your own computer. If you are not in class during class time, you will be penalized as written below. TO BE COUNTED AS PRESENT, YOU MUST BE PRESENT FOR THE ENTIRE CLASS TIME UNLESS SPECIFICALLY EXCUSED BY THE INSTRUCTOR.

Student is allowed 3 excused absences and 1 unexcused. Each consecutive absence is an automatic 5% deduction from your final grade for the class. Coming to class late 4 times will result in 1 unexcused absence. Failure to appear in 8 classes (excused or unexcused) will result in automatic failure.

Late Assignment Policy:

Each class day an assignment is late a point is taken off.

GRADING SCALE FOR GRADUATE STUDENTS

On a 100 percent/point scale the breakdown of your grade is as follows:

1. In-class discussion of the readings/websites	%15
2. Paper on the social phenomenon of hacking and possible artistic uses	%35
3. Final Project	
Proposal	%10
Execution	%25
Presentation	%5
Exhibtion Proposal	%10

A work requires great imagination, excellent craft and the total completion of the work.

B work is adequate but unimaginative.

C work will meet the requirements, but will lack in either skill or thought. For a graduate student, a C is an F

September 6:
>   LAB: soldering demo/review

September 11:
>   LAB: hacking a sound toy
>   "Circuit-Bending: Build Your Own Alien Instruments" By Reed Ghazala p.4-70

September 13:
>   LAB: Hacked Circuit + Computer + Processing
>   Lecture: Corey Archangel + Paul Slocum

September 18:
>   LAB: Intro to computer game hacking.
>   Discussion of TerraNova aggregate blog

September 20:
>   LAB: Quake Game Level Editors
>   Individual Meeting: research paper topic discussed

September 25:
>   LAB: Basic 3d modeling intro
>   Discussion of TerraNova aggregate blog

September 27:
>   LAB: Basic 3d modeling continued

Group Project: Create Second Life Account and begin running an art space in this virtual world
Discussion of pros and cons of a virtual world as an exhibition venue

October 2:
    LAB:
    Discussion of TerraNova aggregate blog

October 4: First draft of the final group project proposal due
    LAB: Basic 3d modeling continued

October 9:
    LAB: Continue exploration of the 2 virtual environments presented
    Discussion of TerraNova aggregate blog

October 11:
    LAB: Bringing our previous software knowledge to the table: Processing+Arduino
    First-draft of the research paper due

October 16: Second draft of the final project proposal due
    LAB: Bridging the gap between software and hardware - 3d worlds+consumer hacked electronics
    Individual Meeting: research paper discussed
    Discussion of TerraNova aggregate blog

October 18:
    LAB: Bridging the gap between software and hardware continued

October 23:
    LAB: Mini-exhibition in Second Life environment
    Discussion of TerraNova aggregate blog

October 25:
    LAB: Mini-performance with hacked instruments
    "Circuit-Bending: Build Your Own Alien Instruments" By Reed Ghazala p.70-140

October 30: Final draft of the final group project proposal due
    LAB: Hybrid performance → Second Life & hacked instruments
    Discussion of TerraNova aggregate blog
    Research paper due

November 1:
    BEGIN FINAL PROJECT
    BFA collaborative project begins. Lab demos
    are stopped and individual directed research begins.

November 6: individual directed research
    Discussion of TerraNova aggregate blog

November 8: individual directed research

November 13: individual directed research

November 15: FINAL PROJECT REVIEW

November 20: individual directed research
          Discussion of TerraNova aggregate blog

November 22: individual directed research

November 27: individual directed research

November 29: individual directed research

December 4:   **CRIT**

December 6:   **CRIT**