

College of Professional and Technological Studies

Created 01/25/06

PROPOSAL SUMMARY AND ROUTING FORM

Proposal Title: Advanced Portfolio

Initiating Unit or Individual: David Baker

Contact Person's Name: David Baker e-mail: davidbaker@ferris.edu phone: 616-233-6498 Date

or Semester of Proposal Implementation: Summer 2008

- Group I - A – New degree/major or major, or redirection of a current offering
- Group I - B – New minors or concentrations
- Group II - A – Minor curriculum clean-up and course changes
- Group II - B – New Course
- Group III - Certificates
- Group IV – Off-Campus Programs

Group/Individual	Signature	Date	Vote/Action *
Program Faculty	<i>David Baker</i>	1-31-08	<input checked="" type="checkbox"/> Support <input type="checkbox"/> Support with Concerns <input type="checkbox"/> Not Support
College Faculty	<i>Frederick Baker</i>	2-1-08	<input type="checkbox"/> Support <input type="checkbox"/> Support with Concerns <input type="checkbox"/> Not Support
Dean	<i>Tracy Powers</i>	2-1-08	<input checked="" type="checkbox"/> Support <input type="checkbox"/> Support with Concerns <input type="checkbox"/> Not Support
University Curriculum Committee			<input type="checkbox"/> Support <input type="checkbox"/> Support with Concerns <input type="checkbox"/> Not Support
Senate			<input type="checkbox"/> Support <input type="checkbox"/> Support with Concerns <input type="checkbox"/> Not Support
Academic Affairs	<i>David Baker</i>	2-3-09	<input checked="" type="checkbox"/> Support <input type="checkbox"/> Support with Concerns <input type="checkbox"/> Not Support

* Support with Concerns or Not Support must include a list of concerns.

To be completed by Academic Affairs

President (Date Approved)

Board of Trustees (Date Approved)

President's Council (Date Approved)

FORM A CONT.

Proposal Summary

This is an advanced course focused on helping students develop their animation portfolio. During the class, the "Gears of War" production path will be explored which combines 3DS Max and Z-Brush workflow

2. Summary of All Course Action Required*

a. Newly Created Courses to FSU:

Prefix	Number	Title
DAGD	490	Advanced Portfolio G.O.W. Pipeline

b. Courses to be Deleted From FSU Catalog:

Prefix	Number	Title
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c. Existing Course(s) to be Modified:

Prefix	Number	Title
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d. Addition of existing FSU courses to program

Prefix	Number	Title
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e. Removal of existing FSU courses from program

Prefix	Number	Title
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NEW COURSE INFORMATION FORM*See Sample – Limit to Two Pages Please***Course Identification:**

Prefix:	Number	Title
DAGD	490	Advanced Portfolio

Course Description:

This is an advanced course focused on helping students develop their portfolio. During the class, the "Gears of War" production path will be explored which combines 3DS Max and Z-Brush workflow.

Course Outcomes and Assessment Plan:

- I. Understanding of the CG industry outside of the course and program through reading and discussing websites, publications and podcasts.
- II. Exploration and analysis of good design and planning as measured by completion of a start-to-finish high-detail projects, facilitated through lecture, readings, examples, and discussion.
- II. Development of a higher attention to detail through critiques, discussions and gallery observations.
- IV. Development, analysis, and application of project management as measured by tracking proposed schedules and milestones against actual timelines.
- V. Demonstration of learned skills in advanced software application, digital imaging, and compositing through presentation of a digital portfolio piece representing the student's skills.

Course Outline including Time Allocation:

- I. Introduction (2 hours) - Understanding the course objectives as they relate to the programs used and outcomes expected.
- II. Idea to Concept (4 hours) – How to take an idea and create what is needed for production such as concept art, character story and reference material
- III. Concept Analysis (2 hours) – Breaking the concept into parts so that a process can be developed which includes timelines, techniques and software needed.
- IV. Rough Form (4 hours) – Creation of a rough 3D model quickly
- V. Core Model (4 hours) – Addition of details and accessories to finalize the core shape of the character
- VI. Detail Pass (16 hours) – Use of Z-Brush for adding details to the mesh to create the high poly version
- VII. Export and Optimization (2 hours) – Process for exporting the model out of Z-Brush and into 3DS Max
- VIII. Low Poly (8 hours) - - Creation of a final low poly version based on the high poly mesh

IX. Unwrapping and Baking (8 hours) – Techniques for unwrapping the model and generating diffuse and ambient occlusion passes.

X. Texture Painting and Mapping (8 hours) – Using the render passes with techniques in photoshop to create detailed texture maps.

XI. Model Presentation (2 hours) – Using light to enhance a model for presentation.

Total Hours: 60

I. ACTION TO BE TAKEN: CREATE A NEW COURSE

Notes

- 1. Complete each item in section I and section II.
- 2. If this course is to be used as a prerequisite for other university courses, Form Fs that reflect the prerequisite change must be submitted for those courses as well.

Term Effective: a. Semester Summer b. Year 2008 See instructions.

II. PROPOSED FOR NEW COURSE: Complete all sections of this part through Prerequisites. See instructions in manual for further clarification.

a. Course Prefix DAGD b. Number 490 c. Enter Contact Hours or check Independent Study (X).
 LECTure hr/week LAB hr/week INDEpendent Study
 Practicum: hr/semester Seminar: hr/week

d. Full Course Title: Advanced Portfolio I

e. Abbreviated Course Title: . (Abbreviate only if necessary. Use Arabic numerals. Limit to 26 characters and spaces.)

f. Semester(s) Offered: Summer (See instructions for listing.) g. Max. Section Enrollment: 20

Credit Hours: Check (x) type and enter maximum and minimum hours in boxes.

h. Type: Variable Fixed i. Maximum Credit Hours 3 j. Minimum Credit Hours 3

k. Grade Method: Check (x) Normal Grading Credit/No Credit only (Pass/Fail)

m. May Be Repeated for Added Credit: Check (x) Yes No

n. Levels: Check (x) Undergraduate Graduate Professional

o. Does proposed new course replace an equivalent course? Check (x) Yes No

p. Equivalent course: Prefix Number See instructions on Replacement courses.

q. CATALOG DESCRIPTION – Limit to 75 words – PLEASE BE CONCISE.

This is an advanced course focused on helping students develop their portfolio. During the class, the "Gears of War" production path will be explored which combines 3DS Max and Z-Brush workflow.

r. Prerequisites: (if no prerequisites, write "None") Limited to 60 spaces. DAGD 375

UCC Chair Signature/Date: _____

Academic Affairs Approval Signature/Date: _____

Donald Fisher 2/21/09

To be completed by Academic Affairs Office: - Standard & Measures Coding and General Education Code

Basic Skill (BS) General Education (GE) Occupational Education (OC) G.E. Codes

Office of the Registrar use ONLY

Date Received: _____ Date Completed: _____ Entered: SIS [125 ___ 1D4 ___ 12R ___ 131 ___]

Betty L Nelson/FSU
02/02/2009 10:28 AM

To Maureen Milzarski/FSU@Ferris
cc
bcc
Subject Fw: Forms for DAGD 490

Hi Mo, Do you have the DAGD 490 proposal with signatures?

Thanks,

Betty

=====
Betty Nelson
Ferris State University
Betty_Nelson@ferris.edu
Phone 231-591-2793
Fax 231-591-2242
=====

----- Forwarded by Betty L Nelson/FSU on 02/02/2009 10:24 AM -----

Records Room Calendar/FSU

Sent by: Cynthia L Adolf
02/02/2009 10:08 AM
To Betty L Nelson/FSU@Ferris
cc
Subject Forms for DAGD 490

Betty,

Jocelyn Goheen from CPTS in GR has sent the attached forms for DAGD 490. It is not in the system yet. I don't know if this is all you need to add the course but if not please let Jocelyn know. Please let me know if this is added, so I can build the course section. Thanks!

Cindy



DAGD 490 Advanced Portfolio SU08.pdf



Maureen Milzarski/FSU
02/04/2009 09:34 AM

To Paula L Hadley-Kennedy/FSU, Betty L Nelson/FSU, Tracy L Powers/FSU, Donald J Green/FSU,
cc
bcc
Subject DAGD 490: Advanced Portfolio

Attached is the approved Form F for DAGD 490.
Please remember this course can only be offered twice.



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