Reedley College
Proposed Course Modification

Course # / Title   **Art 38 / Painter: Computer Digital Imaging**

CHECK OFF SHEET
PRELIMINARY STEPS. Do before completing Course Modification Form.

(EACH BOX SHOULD BE CHECKED AS COMPLETED BEFORE SUBMISSION.)

☐ 1. Communicate with the Curriculum Chair regarding intent to modify an existing course outline (recommended, not required).

☐ 2. List term for implementation of modifications:
   x Fall __2010__   ☐ Spring _____   ☐ Summer _____

☐ 3. Check one:
   Do not complete Fresno City College course alignment page if:
   _____ No similar course or program at FCC.
   __x__ Course currently in common with FCC course or accepted <u>in lieu of</u> and changes <u>will not</u> affect status.

   Complete Fresno City College course alignment page if:
   Course currently in common with FCC course or accepted <u>in lieu of</u>. Changes <u>may</u> affect status. Consult
   _____ with counterparts at FCC and complete alignment page
   Course not in common or accepted in lieu of but may be with proposed changes consult with FCC
   _____ counterparts

☐ 4. Changes sought in the following:

   CSU General Education Code   Yes _____   No _____
   Transfer Baccalaureate List   Yes _____   No _____

   If yes to either, schedule an appointment with the Articulation Officer

☐ 5. Changes sought in number of repeats for credit:

   _____ Yes
   __x__ No

   If yes, secure a **Course Repetition** form from the Curriculum Office.

PROPOSED COURSE MODIFICATION FORM

☐   Appropriate sections of Course Outline of Record completed.

FINAL steps (Do after completing Course Outline of Record)

☐ 1. <u>Signature Form</u>. Secure signatures of the Department Chair and the Associate Dean before submitting the completed course proposal to the Curriculum Office.

☐ 2. <u>Program Description</u>. Course modification will change an existing program which is or will be described in the college catalogue.

   _____ Yes   __x__ No

   If yes, complete **Program Description Form** before submitting modification.

☐ 3. <u>Final Check</u>. All items above have been completed and checked off before modification is submitted.

     <u>All</u> changes and modifications in the official course outline must come to the Curriculum Committee. Though minor changes may seem obvious, even these need to come to committee for information and to update the official curriculum. Changes in programs or in several department offerings should be submitted together if possible so that the whole picture is clear.

     OUTLINE. Please fill in current existing course number, title, and units for course to be modified.

Department	Art	Course No.	38
Course Title	Painter: Computer Digital Imaging	Units	3.0
		Effective Date	Fall 2010

A.   PROPOSED CHANGES.
(Indicate below all proposed changes to be made in the course outline.)

I. Cover Page

____	1. Course ID	____	8. Classification (Degree applicable, Non-degree applicable, or Pre-collegiate Basic skills)
____	2. Course Title	____	9. General Education Pattern, Graduation Requirement, and Major Category
____	3. Units		
____	4. Lecture/Lab Hours	____	10. General Education Pattern/Baccalaureate (CSU)
____	5. Grading Basis	____	11. Repeatability
____	6. Entrance Skills: Basic Skills Prerequisites/Advisories	____	12. Catalog Description
____	7. Subject Prerequisites/Corequisites/Advisories		

Other pages

x	II. Course Outcomes	____	VI. Methods of Grading
____	III. Course Objectives	____	VII. Levels of Educational Materials
____	IV. Course Content Outline		**Additional Pages (optional depending on course)**
____	V. Approved Readings	____	Request for Repeatability/Limitation on Enrollment

B. DESCRIPTION OF CHANGES AND MODIFICATIONS.

ITEM NO.	CHANGED FROM	CHANGED TO	REASON
VI.	(see outline, changes are highlighted)	(see outline)	Consolidation of Student Learning Outcomes.
IV. VII.	Old books	New books	Update books

(Additional sheets may be attached if necessary.)

C.   **EXPLANATIONS.** If course modification results in changes in the program which will require use of the program description form, please give rationale.

Please attach the complete outline before modifications to this form. If only the first page of the outline is being modified, <u>also attach the new first page.</u> <u>If other pages of the outline are being modified, please attach the complete new outline.</u>

Reedley College
SIGNATURE FORM

Submission/Recommendation/Action

Course Department and Number: Art 38

Course Title: Painter: Computer Digital Imaging

Effective Date: Fall 2010

1. Submitted By: Steve Norton   **Date:** 01/29/10

2. Reviewed by Department: _____ **Date:** _____
                    Department Chair's Signature
    Attach department recommendation. (optional)

3. Received/Reviewed by Dean of Instruction: _____ **Date:** _____
                    Dean's Signature

4. Approved by Curriculum Committee on: _____
                    Date

_____   _____
Curriculum Committee Chair   **Date**

_____   _____
Vice President of Instruction   **Date**

5. Reviewed by Articulation Officer: _____ _____
                                          Date:

    CSU GE Code submitted for articulation: _____

Reedley College

CREDIT COURSE OUTLINE

I. COVER PAGE

(1) Course ID: ART 38	(2) Course Title: Painter®: Computer Digital Imaging	(3) Units: 3.0

(4) Lecture / Lab Hours:		(8)Classification:	
Semester course			
Hours per week Lec hrs:	2		
Lab hrs:	4	Degree applicable:	x
Lab will generate _____ hour(s) per week outside work.		Non-degree applicable:	
Short-term course:		Pre-collegiate basic skills:	
Hours per course Lec hrs:			
Lab hrs:			
Lab will generate _____ total hour(s) outside work.		(9)RC Fulfills AS/AA degree requirement: (area)	Computer Familiarity
(5)Grading Basis:			
Grading scale only		General education category:	
CR/NC option	x	Major: _____ Art, Fine Arts	
CR/NC only			
(6)Basic Skills Prerequisites:		(10)CSU:	
		Baccalaureate:	x
		(11) Repeatable: (A course may be repeated three times)	3
Basic Skills Advisories: Eligibility for ENGL 125, ENGL 126, and MATH 101		For Office Use Only	
		CATID: 130007.04	DATATEL: 3935
(7)Subject Prerequisites:		Course LHE: 5.0	Unit Code: 244010
		VEA Code: N	SAM Priority: E
		TOPS Code: 1030.20	Effective Date: Fall 2003
Subject Corequisites:		CSU/Transfer Code: F Purpose : A	Replaces: 130007.03
Subject Advisories:		CAN : Transfer Status : B (CSU)	Replaced by: Date:

(12)Catalog Description:

This beginning digital painting course explores the use of the computer in the visual arts. Issues of form and content are integrated with technological instruction in the formation of painted digital art images with an emphasis on design fundamentals. The digital imaging software program, *Painter*®, is introduced along with techniques necessary for image creation from scratch, scanning, printing, virtual watercolor, oil, impasto, dry media, textures, painted composites and integration of photographs.

11/00

II. COURSE OBJECTIVES:

(Specify major objectives in terms of the observable knowledge and/or skills to be attained.)

A. Gain an understanding of the relationship between traditional art interpretation and the influence of changing technological applications on art images.

B. Understand the generation of digital art images within the context of late twentieth- century art and contemporary painting references.

C. Develop the knowledge and application of basic design skills by effectively using the visual elements and principles of design in forming strong painted digital compositions.

D. Learn to critique digital images using a vocabulary which addresses form, content and technical concerns.

E. Develop a working knowledge of pixel-based painting imaging software which includes skills and techniques necessary for image creation from scratch, scanning, printing, virtual watercolor, oil, impasto, dry media, textures, painted composites and integration of photographs.

F. Use the internet to research contemporary and historical art images.

G. Understand the basic computer concepts of navigation, file management, resolution, file size, formatting and copyright issues.

III. COURSE CONTENT OUTLINE:

I. Addressing Issues of Content
   A. Overview of late twentieth century art (1945 - present)
   B. Awareness, creativity and communication
   C. Themes and purposes of art

II. Addressing Issues of Form
   A. Visual Elements
      1. Line
      2. Shape and mass
      3. Light, value and color
      4. Texture
      5. Space
   B. Principles of Design
      1. Unity and variety
      2. Balance
      3. Emphasis and focal point
      4. Proportion and scale
      5. Rhythm

III. Creation of Digital Image Projects Based on Late Twentieth Century Art Movements: including, but not limited to, some of the following:
   A. Abstract expressionism
   B. Pop art
   C. Minimal art
   D. Non Western
   E. Conceptual art
   F. The figure as symbol
   G. Women artists
   H. Neo-expressionism

IV. Class Critiques of Digital Images
    All issues of design discussed:
        A. Form, visual elements/principles of design
        B. Content, interpretation of image, personal expression

V. Introduction to Raster Painting Software
        A. Interface
        B. Brushes and variants
        C. Textures, gradients, patterns
        D. Surface control
        E. Type
        F. Layers, masking
        G. Filters
        H. Vector shapes
        I. Special effects
        J. Color

VI.   Introduction to Computer Concepts
        A. Navigating system software
    B. File management: resolution and file size
      A. File formatting

VII. Copyright issues
        A. Freeware
        B. Copyright protected material
        C. Public domain
        D. Fair Use doctrine (Title 17 of US. Code, Section 107)

VII.   Internet Experience
        A. Exploration of art collections worldwide
        B. Creating an image based on internet research

IV. APPROPRIATE READINGS

Reading assignments may include but are not limited to the following:

1.   Sample Text Title:

Digital Painting Fundamentals with Corel Painter 11 (First Edition), Rhoda Grossman, Course Technology PTR, ©2009.
ISBN-13: 978-1598638936

Painter 11 Creativity: Digital Artist's Handbook, Jeremy Sutton, Focal Press, ©2009.
ISBN 13: 978-0240812557

X	Global or international materials or concepts are appropriately included in this course
X	Multicultural materials and concepts are appropriately included in this course.

If either line is checked, write a paragraph indicating specifically how global/international and/or multicultural materials and concepts relate to content outline and/or readings.

Art from many geographical locations and world cultures are studied in this course. Course content specifically requires the inclusion and integration of multicultural visual examples (see: Historical Overview: Drawing Methods and Materials).

V. METHODS TO MEASURE STUDENT ACHIEVEMENT AND DETERMINE GRADES:

Students in this course will be graded in at least one of the following four categories. Please check those appropriate. A degree applicable course must have a minimum of one response in category A, B or C.

A. Writing		
	Check either 1 or 2 below	
X	*1.*	*Substantial writing assignments are required. Check the appropriate boxes below and provide a written description in the space provided.*
	2.	*Substantial writing assignments are NOT required. If this box is checked leave this section blank. For degree applicable courses you must complete category B and/or C.*

	a.	essay exam(s)		d.	written homework
	b.	term or other papers(s)		e.	reading reports
	c.	laboratory reports	X	f.	other (specify) Museum critique

Required assignments may include but are not limited to the following:

1.   Each student is required to write a museum (or gallery) critique which includes analysis of form (visual elements, principles of design) and content.

2.   Students write artist's statements which accompany printed images. These are presented in a professional portfolio.

B. Problem Solving			
1.	Computational or non-computational problem-solving demonstrations, including:		
X	a. exam(s)		d. laboratory reports
X	b. quizzes		e. field work
	c. homework problems	X	f. other (specify) Digital photo assignments

Required assignments may include, but are not limited to the following:

1.   Students will continually practice the construction of painted digital images in which the objective is to solve compositional problems. Effective use of the visual elements and principles of design are important components of each digital imaging assignment.

2.   Software navigational exams will be given which require students to achieve the completion of a painted digital image by using the software without assistance. This ensures that students are able to apply necessary navigation trial-and-error process skills in solving step-by-step problems.

C.	**Skill** demonstrations, including:		
X	a. class performance(s)	X	c. performance exam(s)
	b. field work		d. other (specify

Required assignments may include, but are not limited to the following:

1. Demonstration of effective use of compositional skills (visual elements, principles of design) will occur during daily lab practice with the manipulation of photo digital images.

2. Computer performance exams measure students' ability to demonstrate skill mastery.

3. Group critique sessions will offer students a model and practice of effective use of vocabulary in the analysis of photo digital images.

4. Daily classroom assignments address skill development in software use and basic computer concepts.

D.	**Objective** examinations, including:		
X	a. multiple choice		d. completion
X	b. true/false	X	e. other (specify) Essay, short answer, technical computer practical exams
X	c. matching items		

Description/Explanation: Based on the categories checked, it is the recommendation of the department that the instructor's grading methods fall within the following departmental guidelines; however, the final method of grading is still at the discretion of the individual instructor. The instructor's syllabus must reflect the criteria by which the student's grade has been determined. (A minimum of five (5) grades must be recorded on the final roster.)

If several methods to measure student achievement are used, indicate here the approximate weight or percentage each has in determining student final grades.

Exams, major projects, written assignments	50%
Projects, tutorials, exercises	50%

Course ID: ART 38   Course Title: Painter: Computer Digital Imaging

VI. COURSE OUTCOMES:

(Specify the learning skills the student demonstrates through completing the course and link critical thinking skills to specific course content and objectives.)

Technical:

A.   Create a portfolio of artwork demonstrating proficiency in digital painting, while addressing issues of form and content.
B.   Demonstrates comprehension of the visual vocabulary of art through the creation of artwork.
C.   Critique works of art.

Course ID: ART 38	Course Title: Painter: Computer Digital Imaging

VII. EDUCATIONAL MATERIALS

For degree applicable courses, the adopted texts, as listed in the college bookstore, or instructor-prepared materials have been certified to contain college-level materials.

Validation Language Level (check where applicable):	College-Level Criteria Met	
	Yes	No
Textbook	X	
Reference materials	X	
Instructor-prepared materials	X	
Audio-visual materials	X	
Indicate method of evaluation:		
Used readability formulae (grade level 10 or higher)		
Text is used in a college-level course		
Used grading provided by publisher		
Other: (please explain; relate to Skills Levels)		
Computation Level (Eligible for MATH 101 level or higher where applicable)	X	
Content		
Breadth of ideas covered clearly meets college-level learning objectives of this course	X	
Presentation of content and/or exercises/projects:		
Requires a variety of problem-solving strategies including inductive and deductive reasoning.	X	
Requires independent thought and study	X	
Applies transferring knowledge and skills appropriately and efficiently to new situations or problems.	X	

List of Reading/Educational Materials
1. Text (sample):

Digital Painting Fundamentals with Corel Painter 11 (First Edition), Rhoda Grossman, Course Technology PTR, ©2009.
ISBN-13: 978-1598638936

Painter 11 Creativity: Digital Artist's Handbook, Jeremy Sutton, Focal Press, ©2009.
ISBN 13: 978-0240812557

Comments:	
	This course requires special or additional library materials (list attached).
X	This course requires special facilities: *Computer lab specifications which meet software requirements*

TARGET COURSE   **ART 37A**   **Course Title: Painter: Computer Digital Imaging**
                        Number   Title

BASIC SKILLS ADVISORIES PAGE   The skills listed are those needed for Aeligibility for English 125, 126, and Math 101. These skills are listed as the outcomes from English 252, 262, and Math 250.   In the right hand column, list at least three major basic skills needed at the beginning of the target course and check off the corresponding basic skills listed at the left.

Math Skills (eligibility for Math 101) (as outcomes for Math 250)	1. Ability to understand and calculate file sizes for use in scanning and printing.
x Performing the four arithmetic operations on whole numbers, arithmetic fractions, and decimal fractions.	2. Ability to relate measurements and percentages to megabytes and pixels per inch.
x Making the conversions from arithmetic fractions to decimal fractions, from decimal fractions to percents, and then reversing the process.	3. Ability to calculate relative proportions of various images to one another.
x Applying the concepts listed above to proportions, percents, simple interest, markup and discount.	
x Applying the operations of integers in solving simple equations.	
x Converting between the metric and English measurement systems	

Reading Skills (eligibility for English 126) (as outcomes for English 262)	1. Ability to comprehend the material in college level tutorial text.
x Using phonetic, structural, contextual, and dictionary skills to attack and understand words.	2. Ability to understand technical terms and their use.
x Applying word analysis skills to reading in context.	3. Ability to interpret written directions into visual applications.
x Using adequate basic functional vocabulary skills.	
x Using textbook study skills and outlining skills.	
x Using a full range of literal comprehension skills and basic analytical skills such as predicting, inferring, concluding, and evaluating.	

Writing Skills (eligibility for English 125) (as outcomes for English 252)	1. Ability to write college level reports.
x Writing complete English sentences and avoiding errors most of the time.	2. Ability to express in writing information learned from lectures and tutorials.
x Using the conventions of English writing: capitalization, punctuation, spelling, etc.	3. Ability to relate computer information and terms into written form.
x Using verbs correctly in present, past, future, and present perfect tenses, and using the correct forms of common irregular verbs.	
x Expanding and developing basic sentence structure with appropriate modification.	
x Combining sentences using coordination, subordination, and phrases.	
x Expressing the writer's ideas in short personal papers utilizing the writing process in their development.	

Check the appropriate spaces.
   x   Eligibility for Math 101 is **advisory** for the target course.
   x   Eligibility for English 126 is **advisory** for the target course.
   x   Eligibility for English 125 is **advisory** for the target course.
   If the reviewers determine that an advisory or advisories in Basic Skills are all that are necessary for success in the target course, stop here, provide the required signatures, and forward this form to the department chair, the appropriate associate dean, and the curriculum committee.

Content review completed by _____ Date _____

Reedley College

REQUEST FOR COURSE REPEATABILITY
(For reasons other than alleviating substandard work)

Course ID: ART 38	Course Title: Photoshop: Computer Digital Imaging	Date: 2/18/03

Number of times course may be repeated, excluding initial enrollment (1, 2, or 3):	3

or

Maximum units to which course may be repeated, including initial enrollment:	

The following information is required under Title V, Part VI, Section 58161

1.   Explain how the course content differs each time it is offered:

Digital imaging software is highly complex and can take years to master. Working with the software is somewhat like looking through a kaleidoscope: with every push of a button, new possibilities become apparent. For that reason, there is unlimited potential for continuous expansion of course content and/or new project development using previously assimilated content knowledge.

2.   Using reasons "A" or "B" listed below, explain how the student, by repeating this course will gain an expanded educational experience (A or B):

x	A. Skills or proficiencies are enhanced by supervised repetition and practice within class periods. Explanation:

Because of the complexity of the software and the unlimited potential for generating new images, repetition of course content is an expanded educational experience.

	B. Active Participatory experience in individual study or group assignments is the basic means by which learning objectives are attained. Explanation: