

Spring 2002
Instructor: Mary Wills
Humanities Division

Office Hours: By appointment
Voice Mail: 425-640-1339

Art 129 - Physics 100
LEONARDO'S INVENTION CLUB
ART HISTORY & PHYSICS

TEXT: Brunelleschi's Dome, Ross King (required)
Gardner's Art through the Ages, 11th edition, 2000,
Richard G. Tansey and Fred S. Kleiner (optional)
Leonardo da Vinci, Roger Whiting (optional)
Assigned reading, course materials on reserve

COURSE OBJECTIVES:

This course addresses outcomes in critical thinking and provides practice in written and oral communication outcomes. Students completing this class should be able to

1. demonstrate a knowledge of Renaissance and Baroque art and architecture.
2. analyze the stylistic characteristics of art from these this time period;*
3. discuss and evaluate the art in terms of its relationship to society, aesthetic quality or technical excellence.

REQUIREMENTS:

1. Participation in class. This includes participation in group assignments and individual assignments and in-class presentations. Daily attendance is strongly recommended.
2. Class lectures and readings in the textbook, as assigned. You will also be responsible for material in any additional readings assigned or films shown in class.
3. There will be three exams. Exams may include slide identification, multiple choice, fill in the blank, short answer and essay questions and vocabulary.

*Images of the human body, both clothed and nude, have constituted the subject matter of art since its beginnings. Students who are embarrassed or offended by such images should not enroll in this course.

GRADING:

The final grade for the course will be calculated as follows:

Examinations	45%
Class participation/oral presentation	25%
Final Project	<u>30%</u>
	100%

1. There will be three exams. **There will be no make up exams.** If you have a legitimate reason such as illness or other family/work emergency and call one of us before the exam, your missed exam grade may be replaced with your grade on the final project.
2. The final grade will be based on the exams, class participation **and** the final project. Details on class participation will be given later in class.
3. Any out-of-class assignments must be typed or computer generated (drawings are the exception) and submitted on time at the beginning of class on the date due. Any late assignments will be given a significantly lower grade.
4. Notes from missed lectures are the student's responsibility. Reading assignments complement but do not necessarily duplicate lectures. Students are encouraged to use the resources of the library to enhance their familiarity with the material.
5. The simple completion of an assignment often earns a grade of 2.0 or lower. More proficient work is required for earning a grade of 4.0 or 3.0.

Examinations will be given on the following dates:

First exam	April 18th
Second exam	May 9th
Third exam	May 30th

There is no class on May 7, Building Community Day for EDCC Staff nor on May 27th, Memorial Day.

**PHYSICS 100 & ART HISTORY 129
LEONARDO'S INVENTION CLUB
Spring 2002**

FACULTY: Rebecca Hartzler
Alderwood 215, Phone 640-1062, E-mail rhartzle@edcc.edu
OH: M-Th 11- noon, Th 1-2 pm

TEXTS: *Conceptual Physics* - Hewitt - 7th, 8th, or 9th Edition - optional
The New Way Things Work – Macaulay - optional

SCHEDULE:

Week 1 - Optics - Reflection
Week 2 - Stability
Week 3 & 4 - Torque & Leverage
Week 5 & 6 - Inclined Planes, Pulleys, Gears, Hydraulics
Week 7 & 8 - Conservation of Energy
Week 9 & 10 - Working on Final Projects

Week 11 – Final Presentations will be on June 10, 11 and 13

SPECIAL NEEDS:

If you require an accommodation for a disability, please contact Services for Students with Disabilities, WDY 114, (425) 640-1320, ssdmail@edcc.edu.

DECIMAL GRADING:

4.0 = 100-96	2.0 = 75
3.9 = 95-94	1.5 = 70
3.5 = 90	1.0 = 65
3.0 = 85	Below 0.7 is not passing.
2.5 = 80	

GOALS:

1. Understanding the interconnectedness of art and physics.
2. Understanding, interpreting, and communicating effectively orally and in written form .
3. Working cooperatively in groups: respecting others' ways of thinking, having confidence in your own knowledge, sharing information, pooling knowledge, and listening effectively.
4. Developing problem solving skills: recognizing the applicability of previously learned solutions to new problems, recognizing and applying reverse reasoning.
5. Recognizing that problems may have alternative solutions and that alternative techniques may be used to arrive at those solutions.
6. Knowing how to take appropriate data and make appropriate measurements.
7. Connecting Physical laws to their real world applications.
8. Understand the basic nature of light and its connection to reflection and perspective.
9. Be able to analyze and design machines using mechanics.

ASSESSMENT:

Grades will be determined as follows:

Field Notebook & In-Class Activities	20%
Exams	20%
Art History/Physics Presentations	10%
Labs	25%
Final Project	25%

Field Notebook Activities & In-Class Activities: For the first eight weeks you will be given a handout that includes physics “field notebook” activities. Each Monday you will hand in a word processed response to only one of these “field notebook” activities. Often times there will be more than one activity on the handout. It is up to you which activity you hand in to satisfy the requirement. If you like you may keep a real field notebook where you do these activities by hand. You may receive .1 extra credit added to your final physics grade by keeping this notebook of your rough drafts for the activities you hand in and doing four additional activities. If you want the extra credit you have to hand in the notebook with the extra credit on the Monday of the week of that specific extra activity. These activities are due anytime on Monday. These are not accepted late

There will also be combined physics and art history in-class activities. These will count for your physics grade as well. These can not be made up and are not accepted late.

Exams: There will be 3 - 50 minute exams during the quarter. You may use a page of notes for each exam. These will be held on April 11, April 25 and May 23. There are no make-up exams. If you miss an exam your final project score can replace the missed exam score IF you notify me ahead of time or if there is an obvious emergency that keeps you from the exam.

Art History/Physics Oral Presentations: Each week a group of students from the class will give a short oral presentation on a topic in Art History, Physics or both. You will do this once. A sign-up sheet will be passed around the first day of class. We will be happy to help you research for and create your presentation.

Labs: You will have seven labs this quarter. You must attend all labs. During the last week of the quarter you may make up one lab missed because of illness or emergency. Labs are generally due one week after the lab is performed. They are due anytime during the day on the due date. Due dates will vary for the pinhole camera, wind-up toy and ornithopter labs. Late lab reports will lose 10% each day they are late and will not be accepted after they have been returned to other students.

Final Project: Your final exam is a presentation of your final project. Details will be given out in class.

SOME RULES ABOUT PLAGERISM, TEST TAKING AND ATTENDANCE.

1. Copying work from other people will result in a zero for that activity, lab report or exam. Lab reports and activities that have the same or very similar writing will be given a score of zero.
2. During a test you may not share calculators, paper, or notes. You may not talk with anyone for any reason until after the test is over. Failure to comply will result in a score of zero for all parties involved. Please feel free to ask me clarifying questions during a test or exam.
3. Attendance for this course is very important. The course information will build weekly and even one day of missed class will be very difficult to replace/catch up. It is your responsibility to make-up for an absence. Please communicate with us if you need to be gone ahead of time so that we can give you assignments to work ahead.

Attendance: It is important to be present to follow the progress of the course. Attendance will be taken every day at the beginning of class; anyone coming in after this will not be included in the attendance taken for that day. Attendance, like the class participation, is assigned a certain number of points. These points will be included in your class participation grade.

Student Responsibility: This course is a ten-credit college transfer course. As such, it is our responsibility to see that this class meets standard university requirements for an art history and physics course.

It is the your responsibility to complete the assigned reading in the textbook, be attentive in class, take notes and attend class on a regular basis. You should plan on spending at least an hour studying outside of class for each hour spent in class. This is the minimum amount of time you should devote to studying for this class. Mathematically this means you need to devote at least 10 hours a week on this class. To do well you will likely need to spend twice as much or 20 hours. It sounds like a lot but it will be worth it!

We will assume that you will take responsibility for any financial aid commitments, work force retraining, graduation, etc. in terms of the grade you must receive to stay eligible for benefits or in order graduate. Students who disappear, but do not officially drop the course, will be given a V grade. It is your responsibility to withdraw by the deadline (May 20) if you do not wish to take the grade you earned.

****Class Participation.** The participation grade is an opportunity for you to increase your learning through greater involvement in class. I will choose from various assignments; these vary from quarter to quarter so it is impossible for me to say exactly what they will be at this time. However, examples of past assignments include completing worksheets, evaluating artwork, giving chapter introduction and summaries, leading review sessions, completing written assignments, conducting research and oral presentations, participating as part of the audience during student presentations. Each of these assignments will receive a certain number of points; details will be given in class. No make-up work will be given for activities done during class.

Edmonds Community College
Winter 2002
Instructor: Mary Wills

Office Hours: By appointment
Voice Mail: 425-640-1339

ART 127
HISTORY OF WESTERN ART: EARLY MEDIEVAL - BAROQUE

TEXT: Gardner's Art through the Ages, 11th edition, 2000,
Richard G. Tansey and Fred S. Kleiner
Assigned reading

COURSE OBJECTIVES:

This course addresses outcomes in critical thinking and provides practice in written and oral communication outcomes. Students completing this class should be able to

1. demonstrate a knowledge of Early Medieval through Baroque art and architecture.
2. analyze the stylistic characteristics of art from these different traditions and time periods;*
3. discuss and evaluate the art in terms of its relationship to society, aesthetic quality or technical excellence.

REQUIREMENTS:

1. Participation in class. This includes participation in group assignments and individual assignments and in-class presentations. Daily attendance is strongly recommended.
2. Class lectures and readings in the textbook, as assigned. You will also be responsible for material in any additional readings assigned or films shown in class.
3. There will be four exams. Exams may include slide identification, multiple choice, fill in the blank, short answer and essay questions and vocabulary.

*Images of the human body, both clothed and nude, have constituted the subject matter of art since its beginnings. Students who are embarrassed or offended by such images should not enroll in this course.

GRADING:

The final grade for the course will be calculated as follows:

Examinations	75%
Class participation	<u>25%</u>
	100%

1. There will be four exams. Grading will be based on the best three-out-of-four exams. **There will be no make up exams.**
2. The final grade will be based on the exams **and** class participation. Details on class participation will be given later in class.
3. Any out-of-class assignments must be typed or computer generated and submitted on time at the beginning of class on the date due. Any late assignments will be given a significantly lower grade.
4. Notes from missed lectures are the student's responsibility. Reading assignments complement but do not necessarily duplicate lectures. Students are encouraged to use the resources of the library to enhance their familiarity with the material.
5. The simple completion of an assignment often earns a grade of 2.0 or lower. More proficient work is required for earning a grade of 4.0 or 3.0.

Examinations will be given on the following dates:

First exam	January 28th	
Second exam	February 13th	
Third exam	March 4th	
Fourth exam	March 20th	(The final exam is scheduled for Wednesday, March 20 th at 12:00 p.m.)

There are no classes on January 21st or February 18th.

Attendance: It is important to be present to follow the progress of the course. Attendance will be taken every day at the beginning of class; anyone coming in after this will not be included in the attendance taken for that day. Attendance, like the class participation, is assigned a certain number of points. These points will be included in your class participation grade.

Student Responsibility: This art history course is a five-credit college transfer course. As such, it is my responsibility to see that this class meets standard university requirements for an art history course.

It is the your responsibility to complete the assigned reading in the textbook, be attentive in class, take notes and attend class on a regular basis. You should plan on spending at least an hour studying outside of class for each hour spent in class. This is the minimum amount of time you should devote to studying for this class.

I will assume that you will take responsibility for any financial aid commitments, work force retraining, graduation, etc. in terms of the grade you must receive to stay eligible for benefits or in order graduate. Z grades will **only** be given for a hardship case. Students who disappear, but do not officially drop the course, will be given a V grade. It is your responsibility to withdraw by the deadline if you do not wish to take the grade you earned.

****Class Participation.** The participation grade is an opportunity for you to increase your learning through greater involvement in class. I will choose from various assignments; these vary from quarter to quarter so it is impossible for me to say exactly what they will be at this time. However, examples of past assignments include completing worksheets, evaluating artwork, giving chapter introduction and summaries, leading review sessions, completing written assignments, conducting research and oral presentations, participating as part of the audience during student presentations. Each of these assignments will receive a certain number of points; details will be given in class. No make-up work will be given for activities done during class.