

Syllabus: Vist 441, Scientific & Technological Developments in Visual Arts

Catalog Data: *Vist 441, Scientific & Technological Developments in Visual Arts. (3-0).*
Credit 3.

Instructor: Ergun Akleman, Ph.D.

Hours: TR 8:00AM - 9:15AM

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Classroom: Architecture C 307

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Office Hours: Open Door Policy

Catalog Description (3-0), Credit 3.

Advanced level course focusing on the relationship between art, science and technology; visual arts before the digital revolution; the development of computer graphic arts.

Prerequisites: Upper level classification or approval of the Chair of the Visual Studies Option. Attendance: Attendance is required.

Class Website: <http://www.viz.tamu.edu/courses/vist441/11fall/>

Course Outline: The course will cover the relationship between art, science and technology. There will be two main subjects. Visual arts before digital revolution and Computer Graphics Arts. For the list of the subjects, please refer [outline](#) in the course website.

Course Materials and Testing:

Course materials and quizzes will be available in Webassign: <https://www.webassign.net/>. Students are responsible for enrollment to Webassign. For enrollment instructions, go to https://www.webassign.net/user_support/faculty/ and download *Self-Enrollment Class Handout*. The class key for enrollment is **tamu 6657 8483**. To access to WebAssign, each student pays a basic content subscription fee: \$17.95/student per course.

(See <https://www.webassign.net/pricing/> for fee information).

Additional Resources:

- E. H. Gombrich, The Story of Art.
- A. Gallup, G. Gruitrooy and E. W. Weisberg Great Paintings of the Western World.
- Rosalee Wolfe, Seminal Graphics: Pioneering Efforts That Shaped the Field.
- Graphics Gems.
- Siggraph Proceedings.
- Siggraph Coursenotes.
- Other Computer Graphics Journals and Proceedings.

Learning Outcomes / Course Objectives.

Upon completion of the course students will know what are the the relationships between art, science and technology during history; how the developments in science and technology impacted artistic innovations and contributions; what are the developments after digital revolution including very recent innovations.

Grading Policy

Quizzes: 60 points

Project: 10 points

Class Participation: 30 points

The highest possible grade is 100.

- **A** Grade >90 points
- **B** 90 points > Grade >80 points
- **C** 80 points > Grade >70 points
- **D** 70 points >Grade >60 points
- **F** 60 points > Grade

Quizzes:

We will have weekly quizzes, which are not necessarily be equally weighted. Quizzes will be given and graded using Webassign. Make sure to pay attention to due dates and times..

Project:

Each student will be responsible to write one paper on a given topic. The topics for the presentations will be assigned in class. A list of possible topics are available in class website. Students will be responsible to make research in their assigned topics and write the paper. The grading will be based on both quality of research and quality of

paper.

Class Participation:

Class participation will be computed based on attendance. Students will have an initial 30 points and will lose 2 point for each class they miss from their "class participation grade".

Americans with Disabilities Act (ADA) Policy Statement

The following ADA Policy Statement (part of the Policy on Individual Disabling Conditions) was submitted to the University Curriculum Committee by the Department of Student Life. The policy statement was forwarded to the Faculty Senate for information.

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact the Department of Student Life, Services for Students with Disabilities, in Cain Hall or call 845-1637.

Academic Integrity Statements**Aggie Honor Code**

An Aggie does not lie, cheat, or steal or tolerate those who do.

Upon accepting admission to Texas A&M University, a student immediately assumes a commitment to uphold the Honor Code, to accept responsibility for learning, and to follow the philosophy and rules of the Honor System. Students will be required to state their commitment on examinations, research papers, and other academic work. Ignorance of the rules does not exclude any member of the TAMU community from the requirements or the processes of the Honor System.

For additional information please visit: <http://www.tamu.edu/aggiehonor/>

Plagiarism

In this course, we want to encourage collaboration and the free interchange of ideas among students and in particular the discussion of homework assignments, approaches to solving them, etc. However, we do not allow plagiarism, which, as commonly defined, consists of passing off as one's own the ideas, words, writings, etc., which belong to another. In accordance with this definition, you are committing plagiarism if you copy the work of another person and turn it in as your own, even if you should have the permission of that person. Plagiarism is one of the worst academic sins, for the plagiarist destroys the trust among colleagues without which research cannot be safely communicated.

If you have any questions regarding plagiarism, please consult the latest issue of the [Texas A&M University Student Rules](#), under the section on [Scholastic Dishonesty](#).

College of Architecture's "Don't deface the property" statement

"It is unlawful for any person to damage or deface any of the buildings, statues, monuments, trees, shrubs, grasses, or flowers on the grounds of any state institutions of higher education (Texas Education Code Section 51.204)"

The words damage or deface refer specifically to any and all actions, whether direct or indirect, that either diminish the value or mar the appearance of the physical environment.

Useful Links

[Academic Calendar](#)

[Final Exam Schedule](#)

[On-Line Catalog](#)

[Student Rules](#)

[Religious Observances](#)