

## CISC 3620 Computer Graphics

**Lecturer:** Ari Zablocki

**Office Hours:** New Ingersol Room 128, Wed 3:30pm to 5:30pm

**Email:** [ari@sci.brooklyn.cuny.edu](mailto:ari@sci.brooklyn.cuny.edu)

**Website:** <http://www.riomonet.net/3620>

**Class Times:** TTH 02:15-03:30PM 4141 IH

*Reading materials are posted on the class website*

### EXPECTATIONS

- Homeworks will be given on most class days.
- Programming Assignments should be submitted prior to due date.
- Attendance is required and counts towards your grade
- Participation during in class discussion is required and counts towards your grade

### GRADING

35% HW Assignments

25% Midterm

35% Final

5% attendance and participation

### SYLLABUS

pure c and SDL

Vectors and Points

Trigonometry and Linear Algebra

Vertices and Meshes

3d Projection and perspective

Linear Transformations

Rasterizing Lines and Triangles

Texture and Texture Mapping

Camera and view transformations

Display Complex 3d objects

Lighting, Textures and Staging

**ACADEMIC REGULATIONS AND PROCEDURES** All students should carefully and thoroughly read the section entitled Academic Regulations and Procedures in the Brooklyn College [Undergraduate or Graduate Bulletin](#) for a complete listing of academic regulations of the College.

**ACADEMIC INTEGRITY** The faculty and administration of Brooklyn College support an environment free from cheating and plagiarism. Each student is responsible for being aware of what constitutes cheating and plagiarism and for avoiding both. The complete text of the CUNY Academic Integrity Policy and the Brooklyn College procedure for policy implementation can be found at <http://www.brooklyn.cuny.edu/bc/policies>. If a faculty member suspects a violation of academic integrity and, upon investigation, confirms that violation, or if the student admits the violation, the instructor shall report the violation to the College.

**STUDENT DISABILITY SERVICES** In order to receive disability-related academic accommodations students must register with the [Center for Student Disability Services](#) first. Students who have a documented disability or suspect they may have a disability are invited to set up an appointment with the Director of the Center for Student Disability Services at (718)951-5538. If you have already registered with the Center for Student Disability Services, please provide the instructor with the course accommodation form and discuss your specific accommodation with the instructor.

**CONSIDERATION OF RELIGIOUS OBSERVANCE** EU New York State Education Law (Title I, Article 5, Section 224-a) requires that the College makes available to each student who is absent from school, because of his [or her] religious beliefs, an equivalent opportunity to make up any examination, study or work requirements which he [or she] may have missed because of such absence on any particular day or days. If you are unable to attend classes or take examinations, the instructor is happy to accommodate you as permitted by semester schedule and other constraints there may be; however, it is recommended that you make arrangement with the instructor in advance. You may also contact [Division of Student Affairs](#) , if you have questions about accommodations for religious observance.

**IMPORTANT DATES** The College's Academic Calendar lists a few important dates. Be aware that the College may revise the [Academic Calendar](#).