

Course: 1029 – Texturing

MIDTERM

Task: Unwrap low poly weapon and texture a gas dispenser

Worth: **20%** of final grade.

WARNING: Students who upload late and miss the dropbox will be marked as a 0%

Assignment Description

Task 1:

I have provided you with a mesh of a weapon. Unwrap the model, maximizing the texture space, and having as little distortion as possible.

Task 2:

Texture the gas dispenser model to a similar level of detail as the objects we textured throughout the course.

You are to bake an Ambient Occlusion map and include that in your final texture.

You may approach the tasks in any order. Please be aware that more grades are associated with the texturing of the gas dispenser (15%). Only 5% is allocated to the unwrapping of the weapon. Please consider this when managing your time.

Requirements

- Diffuse texture for the gas dispenser incorporating a baked AO map created by you.
- Unwrap a simple weapon:
 - UV Layout - No overlapping islands, no oddly scaled islands
 - Minimal UV distortion
- All textures to be created in some way by you.

You will not be supplied with any textures or reference. You are free to source and use any textures and reference you feel would be useful to you.

Guidelines

Make a folder named = **LastName_FirstName_Texturing_Midterm**

Zip the above folder ***NOT RAR** = **LastName_FirstName_Texturing_Midterm.zip**

Folder Contents

1. Your textures for the gas dispenser. All in **PNG** format. All textures are to be **1024x1024**.

- **LastName_FirstName_Dispenser_DIFF.png** - Colour texture
- **LastName_FirstName_Dispenser_AO.png** - Baked AO map

Gas dispenser model file need not be included.

2. Your unwrapped weapon. **FBX** format

- **LastName_FirstName_Weapon.fbx** - Repeating wall texture

No Max files are required.

The meshes are not to be altered or changed in any way.

Submit to the usual Dropbox under **Midterm - Your Section**.

Grading Rubric - Assignment worth 20% of final grade

TASK 1 - Unwrapping worth 5% of final grade

0% - No or incorrect submission	1-49% of total - Does not meet expectations	50-69% of total - Satisfactory	70-89% of total - Meets expectations	90%+ of total - Exceeds expectations
- No submission.	Unwrap is poor, lots of wasted space and/or distortion	Unwrap is satisfactory. Some wasted space and/or distortion	Unwrap is competent. Minimal wasted space and/or distortion	Unwrap is excellent.

TASK 2 - Texturing Gas Dispenser 15% of final grade

0% - No or incorrect submission	1-49% - Does not meet expectations	50-69% - Satisfactory	70-89% - Meets expectations	90%+ - Exceeds expectations
No submission. Incorrect submission e.g. Texture shows disregard for the task.	Demonstrates limited range in use of tools and techniques. Texture quality and detail is basic. Flat colour used.	Demonstrates satisfactory use of tools and techniques. Texture quality and detail is okay. More attention to detail is needed.	Demonstrates competent use of tools and techniques. Texture quality and detail is good. Small amount of detail is missing.	Demonstrates proficient application of tools and techniques. Texture quality and detail is excellent.

***NOTE** I will be deducting marks for not following submission guidelines. Examples are incorrect name, wrong format and wrong size. So please check all your assets before submitting.

0%	-5% off assignment total	-10% off assignment total	-15% off assignment total
Followed all directions. Submission is named correctly, in the correct format and correct size.	Followed most directions. One of the following: Incorrect name Incorrect size Incorrect format Missing AO map	Followed some directions. More than one of the following: Incorrect name Incorrect size Incorrect format Missing AO map	Missing all guidelines for submission: Incorrect name Incorrect size Incorrect format Missing AO map

Additional Information

Missed tests/exams will not be rescheduled without some valid evidence of some important event over which the student has no control (e.g., Court appearance, death in the family). Missed tests or exams, therefore, can receive a zero. The students are advised to notify the professor prior to missing the test.

Students are expected to hand in all assignments to the course instructor on the due date, and all assignments must be submitted in the format specified by the instructor (e.g., on FOL, in printed form, on a specific lab computer, etc.); assignments will not be accepted in any format other than that specified.

Late assignments will not be accepted, nor will make up test or assignments be permitted, without some valid evidence of some important event over which the student has no control (e.g., documented illness, death in the family). Missed tests or assignments, therefore, will receive a mark of zero. Late assignments and make-up tests will only be permitted following the submission of adequate documentation acceptable to the instructor (e.g., a doctor's note). Students are advised to notify the instructor prior to missing an assignment due date or a scheduled test.

Immediately upon return from an illness/absence in which a test or assignment has been missed, the student is responsible for contacting the course instructor to discuss the problem. The instructor will make arrangements for any student deemed eligible. The alternative test/assignment will be of equal value to the one missed with no grade penalty. The timeline and due dates will be determined by the course instructor.

Plagiarism (e.g., failure to acknowledge sources used, submitting another student's work under your name, or producing work for another student to submit) is a serious academic offence that shall result in appropriate penalties, to be determined at the discretion of the course professor in consultation with the chairperson of the Communication Arts division. The penalties shall range from failure of an assignment to possible failure of the course. Students shall not make the assumption that any provision will be made by the professor to permit the student to rewrite or redo failed assignments.