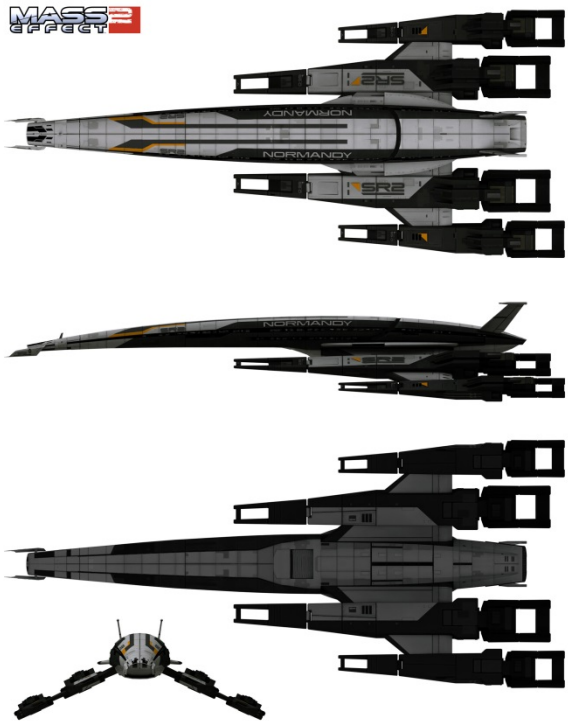
s_tomanec@fanshaweonline.ca

Course: 1030 – Modeling 1

HOMEWORK #1

Homework Assignment (Lab) #1: Normandy SR-2 <Mass Effect>
Due: Week **3**
Worth:10%



Assignment Description:

You have been provided with orthographic views of the Normandy SR-2 from the Bioware series "Mass Effect". Using modeling processes taught in Intro to 3D and then reiterated and expanded upon in this class, you are to recreate the Normandy to the best of your ability. You will not

be expected to unwrap or texture this model however properly executing this project directly relates to the ease of unwrapping and texturing a final model. You must work within a TRIANGLE limit of 6,000 and ensure that you have followed the basic setup process that we went through in class when setting up a work station for the first time.

Homework Requirements:

Elements

- **Clean Topology – Eliminate N-gon faces and nonplanar surfaces**
- **Mesh Optimization – Eliminate overlapped faces, efficient poly use**
- **Proper Scale and Naming Convention – Proper setup for export to Unity**
- **Use of Modeling tools and Level of Complexity**

Submission:

- Project must be submitted by the start of class one week after it has been assigned, to the designated drop boxes

- Make a folder named = **LastName_FirstName_Modeling_HW1**

- **ZIP** the above folder **NOT RAR** (make sure it shares the same naming convention) = **LastName_FirstName_HW1.zip**

Folder Contents:

LastName_FirstName_HW1.max – The .Max file containing your spaceship

PLEASE NOTE: That your project will not be graded unless you adhere to what has been outlined for you in this document.

Grading Rubric – worth 10%

Essential Elements	**0**	**1**	**2**	**3**	**4**
Clean Topology	Multiple N-gons in mesh Multiple nonplanar surfaces	Several major mesh errors/model is largely incomplete	Several small or a few major mesh errors	Slight mesh errors	No Ngons No Multiplanar Faces
Design and Component Variation	Model is too simplistic/model is largely incomplete	Model is too simplistic/model is largely incomplete	All structures are blocked in, with	Model is well beyond "blocked in" structures	Signs of ambition and successful execution
Mesh Optimization	Blown Poly Limit and/or Several hidden faces and/or "Heavy" mesh segments		Model is under the poly limit however still has multiple hidden faces and/or a number of weightless subdivisions		Poly limit used to best describe object form Clean visible only mesh
Proper Scale and Naming	Incorrect Scale No object name(s)		Either incorrect scale or missing object name(s)		Correct Scale All object(s) named
File Submission	No or incorrect Submission – missing files, elements, naming conventions etc.	Missing many elements for submission ie. Naming convention, proper formats, etc.	Followed some directions – file name is correct, missing some elements in formatting	Followed most directions – file may be missing some details within submission	Followed all directions – Submission contains all elements and named correctly in correct formats
Followed Directions	Did not follow any directions	Followed a few directions	Followed some directions	Followed most directions	Followed all directions

Grading continued…

Detailed specifications will be given on a per-class basis. You are encouraged and expected to ask questions. If you are absent it is your responsibility to check with other students, the instructor and course content on FOL.

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.

At mid-term, any unsatisfactory results will be reported to the student.

This course may be revised by the professor with suitable notification to the students. Students are responsible for making arrangements to pick up missed handouts, assignments and course announcements from classmates.

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.