Exam Review Template

The purpose of this template is to provide opportunities for you to share all of the components of your online test/exam. Please have your Peer Reviewer complete the highlighted section prior to submitting.

*Here are some tips on how to reduce academic integrity issues in your exam/final test:*

* Using high levels of [Blooms Taxonomy](https://cft.vanderbilt.edu/guides-sub-pages/blooms-taxonomy/) for your questions will demonstrate higher levels of knowledge and make copying more difficult, such as create, evaluate or analyze something that you specify. Conversely True/False or fill in the blank questions are easy to “google” and/or share.
* Telling the students that it is an open book test, but that they are not to collaborate will reduce the pressure on students and therefore they will be less likely to.
* Starting with an Integrity question has been shown to reduce incidents of cheating. Simply asking students to confirm that they will not collaborate or use unauthorized resources is enough.

|  |  |
| --- | --- |
| Term | Summer 2021 |
| Professor | Alireza Moghaddam |
| Course Code | GAM536 |
| Course Section letter | NSA |
| Date of exam/test | DEC 8 |
| Time allowed to complete | 100 Minutes |
| Weight of exam/test | 20 |
| Total marks for the exam/test | 100 |
| Exam Peer Reviewer Name  & Comments | Robert Robson |

Here are some best practices in creating tests/exams online:

* Using a variety of question types and less than 30% of multiple choice questions will allow the students to demonstrate mastery of the topic and not just understanding.
* Breaking the test into sections that are submitted separately, will allow students to have a break or deal with technical issues before starting the next section. Each section can have a time limit.
* Allowing students to have 18 to 24 hours to complete the exam will enable students in different time zones or with restricted schedules, to be able to complete the test at a reasonable time.

|  |  |
| --- | --- |
| Section/Part | A |
| Time Allowed | 100 Minutes |
| Instructions  You are required to use 3DS-MAX 2019 and render the scene described in the following questions.  *To submit your work:*   1. Place the following files into your Blackboard submission, ensure that the file names are prefixed (starts with "finaltest-*yourname*" for example: "finaltest-Alireza-Moghadam-texture1.jpg:    * your 3DS Max file    * all your textures and assets    * Video file | |
| Integrity Question  By clicking the submit button, you attest that this work is entirely your own work. | |
| Question 1  **Sea (10 marks):** Use fluid simulation to create the sea. You are not requested to create waves, instead, let’s physics component generate the wind. | |
| Question 2  **Boat (10 marks):**Create a model for your sailing boat with no texture and place it on the sea. | |
| Question 3  **Light (10 marks):** Use lights as follows:   * + *Environmental:* light to simulate the day light. **(3 marks)**   + *Three lights for the boat:* a red and a green light attached to the left and right side of the boat, respectively. One white spot-light attached to the nose of the boat as illustrated below. **(7 marks)** | |
| Question 4  **Rain (15 marks):** Use particle system to create rain that covers all the sea during the simulation. | |
| Question 5  **Flag (15 marks):** The flag of “Canada” attached to the head of the boat. | |
| Question 6  **Physics (25 marks):**   * + *Thrust:* Once the simulation begins, apply enough force to the boat to move forward in the sea. **(5 marks)**   + *Wind*: Also, apply wind force opposite to the motion direction of the boat. In order to look like more realistic, you may add some turbulence to it. **(10 marks)**   **Note:** The effect of wind should be visible from the direction of rain and from the flag that is waving. | |
| Question 7  **Camera (15 marks):** Add one camera to the scene and animate it so that the boat and other contents get clearly visible. | |

**Sample Instructions/Announcement – please revise these for your course/section:**

The exam is scheduled to open Dec 8 at 8:00 AM EST and close Dec 8 at 9:40AM PM EST. Please ensure that you give your self enough time to complete the full exam prior to the closing time.

You can access the exam from the link "FINAL EXAM" from the menu on the left side in your Blackboard course page.

I will be available during our scheduled class time (Wednesday 8:00 AM EST – 9:40 AM EST) to answer questions in our virtual classroom and via email. If you have technical issues please contact the ITS service desk at [servicedesk@senecacollege.ca](mailto:servicedesk@senecacollege.ca) and I, or login to our Technician’s Microsoft Teams site (available 08:00 AM EST – 05:00 PM EST).

Students with accommodations can continue to write the test past the due time until they receive the full time they are allowed for the test.

If you are a student with an accommodation and I have received a current accommodation letter from Counselling and Accessibility Service then I will follow the accommodations listed where able. If you have any questions or concern please reach out to me.