UNIVERSITÀ DELLA CALABRIA | DIPARTIMENTO DI **MATEMATICA E INFORMATICA**

DEGREE COURSE AND EXAM

- Second Degree Course in Computer Science
- Computer Graphics and GPGPU Programming

CHARACTERISTICS OF THE EXAMINATION TEST

- Written test and, afterwards, discussion of the examination project.
- The exam will take place on the ***Zoom*** videoconferencing platform. A channel for the exam will be also created in the course team on the *Microsoft Teams* platform.

ESSE3 WORKFLOW

1) The teacher will create the exam in ESSE3 with several sessions, each of which is limited to 23 students.
2) The student will book on the ESSE3 system and will be automatically associated to a session.
3) The results will be communicated at the end of the examination. The results will be recorded "without publication of the results".

BEFORE THE EXAM

1) In the course team, the teacher will create a channel such as: "Exam dd-mm-yyyy hh-mm".
2) The teacher will schedule on the Microsoft Teams channel **a *Zoom* meeting for each session**, according to the day and at the time scheduled by the ESSE3 system.
3) Students will enter the meeting associated with their turn, connecting with any device equipped with webcam/camera to be placed in a frontal position and at a distance of about one meter, to clearly film the desk and the sheets that will be used for the exercises. No other objects should be present on the desk. The microphones must also remain switched on at all times.
4) The identification of the students will be done through the university card, which will be shown to the webcam/camera at the teacher's request.

EXAM STAGES AND TOPICS

1) The teacher will post the pdf file with the exercises on the meeting chat. There will be 4 exercises on Computer Graphics (one open-response exercise on an algorithm/lighting model) and 3 exercises on GPGPU (all open-response).
2) At the teacher's signal, students will start taking the written exam. The written test will last 60 minutes.
3) At the end of the 60 minutes, the teacher will call the students one by one, inviting them to upload photos of their paper to the meeting chat.[1]
4) After collecting all the papers, the teacher will invite the students to discuss them, toghether with the project developed. At the end, the teacher will propose an assessment. The student will have the right to both accept or refuse it. In the latter case, the examination will not be recorded on the Esse3 system.

SURVEILLANCE AND FINAL NOTES

1) During the exam, the teacher will be assisted by another exam commissioner.
2) Teacher and commissioner will constantly monitor the students (Zoom is able to show 25 meeting members at the same time on the same screen).[2]
3) In case of technical problems that preclude from taking the test, it will be possible to recover the examination by agreeing on the manner and timing with the teacher.
4) It is not permitted to record the test or to broadcast in any way videos or images depicting the candidates, the teacher or the commissioner. Only the teacher may make a recording on the platform for the sole purpose of verifying the regularity of the exam; this recording will be deleted when no longer needed.

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[1] Students can use any tool to capture and send photos of their paper. They can, for example, take photos from their device or use programs on their laptop (such as Microsoft Lens, which can be downloaded free of charge). It is suggested to do some image capture and uploading simulations before the exam.

[2] Teachers will be able to use the "fixed on page" Teams function, or the equivalent Zoom function, to better watch the students.