

Information on the written exams of Foundations of Operations Research -- June 2020

First announcement, May 2020

Due to the current healthcare emergency, the **written exams** of June 11 and 30, 2020, will be taken **remotely**.

The topics of the written exams remain unchanged and the type of questions will be very similar to those in the previous exam calls, see the details below.

Examination method

The questions will be provided through **MS form**, the students will write down the **solutions on paper**, **scan/take pictures** of the solutions sheets and **upload** the associated **pdf files**. During the written exams the students will be monitored via an appropriate **online remote proctoring tool**.

The instructor will also make some **oral examinations**, after the written exam, for instance in case of problems with the connection during the exam or of doubt about the authorship. For a matter of fairness with the students who took the exam in January and February, such oral examinations are not meant to increase the grade obtained in the written exam and cannot be requested by the students.

Before the end of the semester, we will organize a **session** to make sure that all students are **familiar with the MS tools** before the first call. All students intending to take the exam must attend.

Topics

As mentioned in the official program, the written exam covers all the material presented in the lectures, the sessions devoted to the exercises, and the computer laboratory sessions and assignments.

Structure of the exam

The exam will consist of 3-4 questions aimed at evaluating the level of (applying) knowledge and understanding of the main concepts, models, results and methods covered in the course as specified in the expected learning outcomes. In particular, it will include one question on modeling and other questions on graph optimization, Linear Programming, Integer Linear Programming, or on the knowledge acquired during the computer lab activities (AMPL syntax and solver's output).

The first part of the exam is closed book (without course material), the last question devoted to modeling is open book (printed course material and/or a summary is allowed but it is not needed).

When to take the exam

Due to the difficult situation and complex organization, students are urged to **take** the written exam once they are **well prepared**. Please do not enroll to an exam call just to see the questions, the **written exams** of these two calls will be **available on** the **Beep** channel of the course.

Old exam questions

Remember that old exam questions are available from the course material webpage.