

ADVANCED HEAT AND MASS TRANSFER

EXAMINATION RULES 2020/2021

- The written examinations are “closed book” and “closed notes”.
- The MID-TERM test will include: 20 multiple choice or True&False questions (9 on Conduction, 8 on Convection and 3 on Radiation) - 0.75 points each - plus 2 short numerical questions (1 on Conduction and 1 on Convection) - 2 points each - randomly extracted from a large data bank, + 1 “Open answer” question (6.5 points) and a numerical exercise (4.5 points).
- The end-term examination will consist of 14 multiple choice questions (0.75 point each), 1 short numerical exercise (2 points), two “open answer” questions (6.5 points each), one numerical exercise (4.5 points).
- ***NOTE: for “remote” examination the “open answer” questions will be oral in different hour/dates.***
- **Exam in presence:**
 - You have 90 minutes for both the Mid-term and the End-term written examinations, in the class period (Nov and Dec). You will have 80+80 minutes during the official examination sessions (Summer, Autumn and Winter sessions) on the whole course program.
 - Bathroom break is allowed only in the last 30 minutes, no more than one student at the same time.
 - Bring with you your pen(s) (no pens case allowed), simple calculator (without case or cover), some clean paper sheets only. These (plus a bottle of water) will be the only objects allowed on your desk.
 - A seat must be left free between two students in the same line of seats. **If needed, only the first lines can accommodate students in all the available seats.** Instructor can change student location in the room according to COVID-19 Regulations.
 - Communication and material (calculator, pen, sheets) exchange with other students is not allowed. Therefore, bring with you everything you need for the examination.
 - Your bags must be left on the ground, below your seat.
 - **Switch off the mobile and keep it into your bag.** Smartwatch, Tablet, notebook, e-readers and electronic devices other than calculator are not allowed.
- **Remote Exam:**
 - You have 65 min for the Mid-Term and 50 min for the End-Term + oral questions in the days following the test. You will have 55+40 minutes during the official

examination sessions (Summer, Autumn and Winter sessions) + oral questions in the days following the tests to complete the exam.

- Bathroom break is allowed only in the last 15 minutes, no more than one student at the same time.
 - Prepare your pen(s) (no pens case allowed), simple calculator (without case or cover), some clean paper sheets only. These (plus a bottle of water) will be the only objects allowed on your desk/table.
 - **Further specific instruction for remote exam will be provided by the teacher** (use of Safe Exam Browser and Exam.net).
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- **REMIND:** all students must pass the on-line SET-0 test to participate to Mid and End Term tests.
 - Maximum mark of each examination is **30**. Minimum mark to pass the written examinations is **15**. The arithmetic mean of the two examinations will be the final mark proposed. You can accept the proposed mark (without oral) for registration or you could ask to improve your final mark (**max +2 points**) with 5 Homeworks, if the proposed mark is >18 and <= 23, or 3 Homeworks and an oral question if your proposed mark is > 23.
 - Homeworks are due at the “official” oral examination date and one of them will be selected by the examiner and deeply discussed during oral. At least 3 Homeworks are mandatory in the following cases:
 - Average mark after tests >15 but <18.
 - Mark in the “long” exercises of the test <2 (out of 4.5) in both tests.
 - Mark gained with Mid- and End-term examination will be **valid until February 2021 if completed with the oral examination or July 2021 for registration without oral**. After these deadlines, both written examinations must be repeated.
 - Students of the International MSc program must answer in English. Students of the Italian program can use Italian language and they can ask explanations about the English text.

In the next page you will find the “Participation rules”.

Academic Year 2020/2021

MID-TERM TEST (90 min in presence, 65 min remotely)	END-TERM or MID-TERM MAKE-UP		END-TERM MAKE-UP in the FIRST OFFICIAL DATE (January)		ORAL or whole EXAMINATION	
PASSED AND ACCEPTED	END-TERM TEST (90 min or 50 min remotely)	PASSED AND ACCEPTED			Registration or ORAL in JANUARY or FEBRUARY	
		NOT PASSED or NOT ACCEPTED			WHOLE EXAM in JANUARY or NEXT SESSIONS	
	NOT ATTENDED			END-TERM TEST (80 min or 40 min remotely)	PASSED AND ACCEPTED	Registration or ORAL in JANUARY or FEBRUARY
						NOT PASSED or NOT ACCEPTED or NOT ATTENDED
NOT ATTENDED OR NOT PASSED (>10) or NOT ACCEPTED	MID-TERM MAKE UP TEST (80 min or 55 min remotely)	PASSED AND ACCEPTED	END-TERM TEST (80 min or 40 min remotely)	PASSED AND ACCEPTED	Registration or ORAL in JANUARY or FEBRUARY	
						NOT PASSED or NOT ACCEPTED or NOT ATTENDED
					NOT PASSED or NOT ACCEPTED	WHOLE EXAM in JANUARY or NEXT SESSIONS
					NOT ATTENDED	WHOLE EXAM in JANUARY or NEXT SESSIONS

Note: If students don't pass the Mid-Term Test in November (<15), they can attend the Make-up test in December only if their mark was > 10.