

This is the expected schedule of the problems of the course. After each lecture, you will have reviewed the theory that is needed to solve the corresponding list of problems. The asterisk (*) means that the problem can be solved after the corresponding lecture, but it will be better to wait and solve them when this has been put in stellar evolution context. In each of the problem solving sessions, we will work on the corresponding problems highlighted in red.

DATE	LECTURE	CORRESPONDING PROBLEMS
week 4		
21/1:	Introduction/Background (WV)	1, 2, 3, 4
22/1:	Equations of structure, Equations of state (WV)	5a, 6, 8, 12, 13, 14, 15, 17, 18
24/1:	Thermodynamics, Polytropic models (EDB)	7, 10, 16, 29
week 5		
28/1:	No lecture	
29/1:	Nuclear reaction rates (EDB)	
31/1: (FL52)	Nuclear processes (EDB)	20, 21, 22*, 23*, 24, 25*, 30*
week 6		
4/2:	Problem Solving (LVP)	1, 2, 3, 4, 5a, 6, 7, 8, 10, 12, 13
5/2:	Energy transport (WV)	5b, 19
7/2: (FL64)	Energy Transport/Stellar atmospheres (WV/EDB)	
week 7		
11/2:	Stellar Atmospheres (EDB)	11, 26, 27, 28, 31, 32
12/2:	Problem Solving (LVP)	11, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24
14/2:	Star Formation (WV)	9
week 8		
18/2: (FL52)	Main-sequence evolution (WV)	
19/2:	Main-sequence evolution (WV)	22*, 23*, 30* (neutrinos)
21/2:	Project Work: Introduction (LVP)	
week 9		
25/2:	Project work: self study	
26/2: (FL52)	Project work: questions (LVP)	
28/2:	Stellar Nucleosynthesis (EDB)	
week 10		
3/3:	Post-main-sequence evolution (EDB)	
4/3:	Post-main-sequence evolution (EDB)	25*
6/3:	Final Stages (EDB)	
week 11		
10/3:	Problem Solving (LVP)	9, 23, 25, 26, 27, 28, 29, 30, 31, 32
11/3:	No lecture	
13/3:	Summary & questions (all)	
19/3:	Exam	
26/3:	Deadline project report	