

Rigorous Methods for Software Engineering (F20RS-F21RS)

2023-24

EDINBURGH SCHEDULE

Week/ Date	Tuesday 2pm Lecture DB 1.13	Tuesday 3pm Lecture or Exercises DB 1.13	Thursday 10am Lab Work EM 2.50 & EM 2.52	Coursework Key Dates
1 11/9	Course Introduction and Overview	Getting started with SPARK	SPARK Lab Getting Started	
2 18/9	SPARK (Part 1)	SPARK (Part 2)	SPARK Exercises 1	CW1 OUT 18/9/23
3 25/9	Flow Analysis	Flow Analysis Exercises	SPARK Exercises 2	
4 2/10	Industrial Proof	Program Proof (Part 1)	SPARK Lab	
5 9/10	Program Proof (Part 2)	Program Proof Exercises	SPARK Lab	
6 16/10	<i>Consolidation Week No New Material</i>	<i>Consolidation Week No New Material</i>	SPARK Lab	
7 23/10	Getting Started SPIN	Promela (Part 1)	SPIN Lab Getting Started	CW1 IN & CW2 OUT 23/10/23
8 30/10	Promela (Part 1 & 2)	Promela (Part 2)	SPIN Exercises 1	
9 6/11	SPIN (Part 1)	SPIN (Part 2)	SPIN Exercises 2	
10 13/11	Model Checking: How it Works (Part 1)	Model Checking Exercises	SPIN Lab	
11 20/11	Model Checking: How it Works (Part 2)	Model Checking Exercises	SPIN Lab	
12 27/11	Course Summary	Revision Session	No Lab	CW2 IN 27/11/23