

1st Year Materials Science Practical Labs

Michaelmas Term 2025

Week 1, 1P1a Intro to Computing

Tuesday	Wednesady	Thursday	Friday
Clifford Edward, TRI	Amin Ayush, SEH	Harding Rafe, MAN	Chellam Mia, CCC
Dukes Holly, TRI	Cicuta Matteo, SEH	Luo Huihong, MAN	Chow Harry, CCC
Hutchison Hamish, TRI	Harrison Ben, SEH	Ooi Jin Ming, MAN	Hadfield James, CCC
Kinder Claudia, TRI	Khurram Elias, SEH	Rastle-C. Harriet, MAN	Hyselli Eralb, CCC
Malpica Clementina, TRI	Park Hanju, SEH	Zhang Cindy, MAN	Murphy Joe, CCC
Tordoff Kien, TRI	Postolache Alex, SEH	Khan Maira , MAN	Xu Ziyang, CCC
Cao Yiwen, QNS	Wu Xingchen, SEH	Brindley Ben, STA	Zhang Jingqin, CCC
Chan Edward, QNS	Bertran Garcia Jaime, STC	Huang Junhao, STA	
Ishmael Kanyin, QNS	Guo Steven, STC	McChesney William, STA	
Low David, QNS	Price James, STC	Newman Evie, STA	
Mark Nikhil, QNS	Wan Hanson, STC	Shah Diya, STA	
Miles Hattie, QNS	Yong Yu Yong, STC	Xie Ivan, STA	

Notes:

- Completion of introductory sessions and all 10 full practicals is a requirement of Prelims

all marks contribute to Prelims.

- Practical notebook will be made available to the Chair of the Moderators in the Preliminary Examination in Materials Science.

- See Handbook to read more about the Examination Regulations on satisfactory completion of Practicals and other coursework.

Thursday, Week 2			1P1b Intro to Microscopy			Friday, Week 2		
Thursday and Friday Week 5			1P3 Youngs Modulus			Thursday and Friday Week 6		
Thursday and Friday Week 7			1P4 Metallography			Thursday and Friday Week 8		
Odd Weeks						Even Weeks		
1 Clifford Edward, TRI	Ishmael Kanyin, QNS	Park Hanju, SEH				1 Harding Rafe, MAN	Brindley Ben, STA	Chellam Mia, CCC
2 Dukes Holly, TRI	Low David, QNS	Postolache Alex, SEH				2 Luo Huihong, MAN	Huang Junhao, STA	Chow Harry, CCC
3 Hutchison Hamish, TRI	Mark Nikhil, QNS	Wu Xingchen, SEH				3 Ooi Jin Ming, MAN	McChesney William, STA	Hadfield James, CCC
4 Kinder Claudia, TRI	Miles Hattie, QNS	Bertran Garcia Jaime, STC				4 Rastle-C. Harriet, MAN	Newman Evie, STA	Hyselli Eralb, CCC
5 Malpica Clementina, TRI	Amin Ayush, SEH	Guo Steven, STC				5 Zhang Cindy, MAN	Shah Diya, STA	Murphy Joe, CCC
6 Tordoff Kien, TRI	Cicuta Matteo, SEH	Price James, STC				6	Xie Ivan, STA	Xu Ziyang, CCC
7 Cao Yiwen, QNS	Harrison Ben, SEH	Wan Hanson, STC				7 Khan Maira , MAN		Zhang Jingqin, CCC
8 Chan Edward, QNS	Khurram Elias, SEH	Yong Yu Yong, STC				8		

Practical	SD	TA	Assessment
1P1a Intro to Computing	Paul Warren	Touseff Ansari	None
1P1b Intro to Microscopy	Keyna O'Reilly	Jiapeng Liu	None
1P2 Data Acquisition and Processing	Sebastian Bonilla	Tobias Loeff	None
1P3 Youngs Modulus	Hazel Assender	Joshua Winger	W-up(for) + notebook*
1P4 Metallography	Angus Wilkinson	Alessandro De Nardi	Lab notebook

*a formative assessment practical requires a long journal paper report

1P2 Data Acquisition and Processing

Thursday and Friday Week 3

1	Clifford Edward, TRI	Amin Ayush, SEH
2	Dukes Holly, TRI	Cicuta Matteo, SEH
3	Hutchison Hamish, TRI	Harrison Ben, SEH
4	Kinder Claudia, TRI	Khurram Elias, SEH
5	Malpica Clementina, TRI	Park Hanju, SEH
6	Tordoff Kien, TRI	Postolache Alex, SEH
7	Cao Yiwen, QNS	Wu Xingchen, SEH
8	Chan Edward, QNS	Bertran Garcia Jaime, STC
9	Ishmael Kanyin, QNS	Guo Steven, STC
10	Low David, QNS	Price James, STC
11	Mark Nikhil, QNS	Wan Hanson, STC
12	Miles Hattie, QNS	Yong Yu Yong, STC

Thursday and Friday Week 4

1	Harding Rafe, MAN	Newman Evie, STA
2	Luo Huihong, MAN	Shah Diya, STA
3	Ooi Jin Ming, MAN	Xie Ivan, STA
4	Rastle-C. Harriet, MAN	Chellam Mia, CCC
5	Zhang Cindy, MAN	Chow Harry, CCC
6	Khan Maira , MAN	Hadfield James, CCC
7	Brindley Ben, STA	Hyselli Eralb, CCC
8	Huang Junhao, STA	Murphy Joe, CCC
9	McChesney William, STA	Xu Ziyang, CCC
10		Zhang Jingqin, CCC
11		
12		

2nd Year Materials Science Practical Labs

Michaelmas Term 2025

Monday to Wednesday, Week 1			2P1 Materials Selection 2P2 Steels 2P3 Extrusion 2P4 Casting	Monday to Wednesday, Week 2		
Monday to Wednesday, Week 3				Monday to Wednesday, Week 4		
Monday to Wednesday, Week 5				Monday to Wednesday, Week 6		
Monday to Wednesday, Week 7				Monday to Wednesday, Week 8		
Odd Weeks			Even Weeks			
1 Dow Cameron, CCC	Gupta Aiyush, STA	Yang Lily Shun Hua, QNS	1 Chen Tianyu, SEH	Zhang Xi, SEH	Yusuf Mohad, MAN	
2 Hunt Edward, CCC	Jopling Ben, STA	Ziglio Giulio, QNS	2 Wiland Weronika, TRI	Chhowalla Emile, MAN	Huang Huiyan, TRI	
3 Karpe Amogh, CCC	Wang Hening, STA	Bolla Amelia, QNS	3 Helsby Kayla, SEH	Fu Yufei, MAN	Jackson Nelly, TRI	
4 Lee Yik Wa Alex, CCC	Zhou Weiqian, STA	Ayittah Gerald, STC	4 Kim Tae Hwan, SEH	Heydon Matthew, MAN	Sutherland Max, TRI	
5 Li Yanzhe, CCC	Flanagan Rowan, QNS	He Weijia, STC	5 Lee Katherine, SEH	Huang Hongjie, MAN	Weill Xavier, TRI	
6 Peng Zhihan, CCC	Gudin Arsene, QNS	Knight James, STC	6 Richardson Luke, SEH	Lewis Saint, MAN	Egan Ptolemy, SEH	
7 Sun Jingjie, CCC	Qi Ziyang, QNS	Song Yutong, STC	7 Spencer Isabella, SEH	Lim Isaac, MAN	Zhou Jingyun, TRI	
8 Chow Maria, STA	Yang Chenyu, QNS	You Like, STC	8 Williams Tycho, SEH	Russell Alexandra, MAN		

Practical	SD	TA	Assessment
2P1 Materials Selection	Dave Armstrong	Yuhan Zhuge	Poster(formative)
2P2 Steels	James Marrow	Matthew Coulson	Write-up
2P3 Extrusion	Clara Barker	Alessandro Zarne	Lab notebook
2P4 Casting	Keyna O'Reilly	Andrew Bulla	Lab notebook

*a formative assessment
practical requires a
poster

Notes:

- Completion of introductory sessions and all 12 full practicals is a requirement of Part I Finals

all marks contribute to FHS.

- You will need to submit Practical notebook to the Chair of the Part I Examiners in the Honours School of Materials.

- See Handbook to read more about the Examination Regulations on satisfactory completion of Practicals and other coursework.