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| **Block Class Agenda – 2023 / 24 – First Year** | | | |
| **Dates** | **Lesson** | **Topics** | |
| *Tue 12 Sep*  Wed 13 Sep  Tue 19 Sep  *Wed 20 Sep* | Lesson 0 |  | A broad background to the history and development of signalling in the UK and the Rules publications. |
| *Tue 26 Sep*  Wed 27 Sep  Tue 03 Oct  *Wed 04 Oct* | Lesson 1 | Absolute Block Signalling Regulations | Fixed Signals their meaning and operation. Signals handbook  RS 521 and relevant bits from TS1 and S7. |
| *Tue 10 Oct*  Wed 11 Oct  Tue 17 Oct  *Wed 18 Oct* | Lesson 2 | The Absolute Block System. Principles and mode of signalling.  TS3 Regulations 1,2 and part of 3 and relevant bits from TS1. |
| *Tue 24 Oct*  Wed 25 Oct  Tue 07 Nov  *Wed 08 Nov* | Lesson 3 | Block Acceptances. Module TS3 Regulation 3.4 and 3.5, plus  relevant bits from TS1. |
| *Tue 14 Nov*  Wed 15 Nov  Tue 21 Nov  *Wed 22 Nov* | Lesson 4 | Blocking Back, Shunting into Forward Section and Locomotive  Running Round its Train. TS3 Regulations 3.6, 3.8  & 3.10. |
| *Tue 28 Nov*  Wed 29 Nov  Tue 05 Dec  *Wed 06 Dec* | Lesson 5 | Train passed without Tail Lamp. Obstruction Danger.  Module TS3 Regulations 6 and 4 and TS1 10.2.  Examination of the Line. Module TS1 Regulation 20. |
| *Tue 12 Dec*  Wed 13 Dec  Tue 19 Dec  *Wed 20 Dec* | Lesson 6 | Train stopping in section (TS3 3.7).Train an unusually long  time in section (TS1 21).Opening and Closing of  Signalboxes (TS3 10), Block Failures (TS3 8). |
| *Tue 09 Jan*  Wed 10 Jan  Tue 16 Jan  *Wed 17 Jan* | Lesson 7 | Regulations Relevant to  Absolute Block Signalling | Signalling failures and engineering work on signalling  equipment. Modules TS11 and HB19 plus bits from TS1. |
| *Tue 23 Jan*  Wed 24 Jan  Tue 30 Jan  *Wed 31 Jan* | Lesson 8 | Stop and Examine Train. Module TS1 Regulation 19.  Trains proceeding without Authority and Train Divided.  TS3 Regulation 5. SPADs, AWS and TPWS. |
| *Tue 06 Feb*  Wed 07 Feb  Tue 13 Feb  *Wed 14 Feb* | Lesson 9 | Train Failures and Train Accidents. Modules M1 and M2.  TS3 Regulations 7 and 3.8 (working in the wrong direction) |
| *Tue 20 Feb*  Wed 21 Feb  Tue 27 Feb  *Wed 28 Feb* | Lesson 10 | Modules S5 and S7. Wrong direction movements. Module TW7. TW1 26 propelling. Outstanding items from TS1 and TW1. |
| *Tue 05 Mar*  Wed 06 Mar  Tue 12 Mar  *Wed 13 Mar* | Lesson 11 | Single Line Working (1). Module P1. |
| *Tue 19 Mar*  Wed 20 Mar  Tue 26 Mar  *Wed 27 Mar* | Lesson 12 | Single Line Working (2). Module TS3 Regulation 9. |
| *Probably over a couple weeks and held online in candidates’ own time.* | Exam | To be advised | |

In addition to the above there will probably be four sessions at the Railway Museum’s School of Signalling for practical demonstration. Dates will be on Thursdays on dates to be announced.

The first and last of the four sessions for each lesson will be delivered by Microsoft Teams on the link shown below and will all run from 18.00 to 20.00. These dates are all shown above in red italics.

Those If shown in straight black type above will be held in Network Rail’s George Stephenson House at York (opposite York Railway Station) from 17.10 to 19.10. (Participants should report to Reception by 17.00, sign in and collect their badges. I will then escort them to the classroom, which will probably be 4.1 / 4.2 on the fourth floor).

Participants can choose which of the four sessions of each lesson they wish to attend and may mix and match between online and classroom sessions as they wish. I don’t need to know beforehand. Just turn up but remember that the ***online sessions will be from 18.00 on the dates in red italics*** and **the classroom sessions will be from 17.00 for 17.10 on the dates shown in straight black type.**

**Please note that there will no lessons at all in week commencing 30th October, i.e. nothing on   
31st October or 1st November, as it is October half term, but note that we will not have a break in February as there are often not enough weeks between New Year and Easter to allow us to take a break.**

Access to all Microsoft Teams sessions can be gained by clicking on the link below. (You will need to have downloaded the Microsoft Teams app).

Everything is totally free.

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