

## More CBUS - weekend course

### Date and venue TBA

The next date and venue for this course will be announced as soon as we have the information available.

This course assumes that you have attended the Introduction to CBUS course, or that you already have a good understanding of the basics of CBUS, building modules and getting them working.

The course takes place over the weekend (Saturday and Sunday) with an optional extra workshop day on the Monday, to apply what was learnt over the weekend. The course will start with arrivals from 4pm on Friday evening.

We also have an optional follow-on practical workshop on the Monday. This will be a practical workshop day for you to apply the knowledge learnt over the weekend. You can work on whatever you wish, with assistance from the tutors, such as building and setting up CBUS modules.

“More CBUS” takes you on from the basics to more advanced topics.

Topics covered will include:

- Recent Developments in CBUS
- Connecting to CBUS using Ethernet - the CANEther module
- Using the CANPi and CANPiWi modules
- More practice and setup in FLiM using the FCU utility
- Understanding CBUS messages
- Interlocking and routing using CANACE8c or CANMIO
- Conditional events and interlocking with CANCOND
- “Start of day” events
- Short vs long events
- Teaching producer events
- Turnout feedback - real and virtual
- Using FCU with generic dialogs
- The new Universal CANMIO firmware:
  - Inputs/outputs and servos all on one board
  - Concepts
  - Limitations
  - Setting up with FCU
- Using CANMIO daughter boards
- Changing settings in the MERG CANCMD using FCU

When a date and venue is confirmed, you will be able to download more details and the booking form below:

[More CBUS course details](#)

[Enrolment form for More CBUS course](#)

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