Coordinated Model Evaluation Capabilities (CMEC) Short Course Agenda

Activity	Content Description	Support Materials	Estimated Time
Introduction	Motivation for CMEC framework, define modules and tools names.	Slides	20 minutes
Hands-on demonstration	Create conda environment.	Slides. Software is freely available online.	10 min
Lecture	Introduction to module manager.	Slides	10 minutes
Hands-on	Install Module Manager; use it to install example module and metrics modules.	Slides. Software is available on Github	20 minutes
Break			15 minutes
Lecture	Introduce CMEC-driver and data manager software.	Slides	20 minutes
Hands-on	Install data manager.	Slides. Software is available on Github	10 minutes
Hands-on	Run example modules and a POD with cmec-driver. Walk through outputs.	Slides, pre-assembled sample datasets	30 minutes
Break			15 minutes
Lecture	Discussion of CMEC software standards. Where to find standards, what the purpose is. Use the example module to demonstrate the standards.	Slides. Example module software is available on GitHub.	60 minutes
Course wrap-up	Review key concepts, solicit feedback, and answer remaining questions.	Slides reviewing key concepts	30 min