

GSAW 2007 Tutorial C:

CCSDS Short Course

Length: Full day

Overview:

Avtec's CCSDS Short Course addresses the Consultative Committee for Space Data Systems (CCSDS) recommendations for packet telemetry and command systems. Topics include packet telemetry, telemetry channel coding, packet telecommand, and command operating procedure (COP-1). Case studies are presented exploring current CCSDS satellite and ground system architectures. The course also provides an overview of the newest CCSDS standard, including the Space Communications Protocol Standards (SCPS), Internet Protocol in Space, CCSDS File Delivery Protocol (CFDP), and Space Link Extensions (SLE).

Instructor: Brian Safigan, Avtec Systems, Inc.