

Official Transcript of Records

ESA Academy Training Session:

Online Ladybird Guide to Spacecraft Operations Training Course 2020

Student personal data:

Complete name: Georges Labrèche
Nationality: Canada

Course data:

Date: 7 - 18 September 2020
Total duration: 28 h

Lecture	Duration
Welcome and Introduction	30 min
Mission: Introduction, Mission Design and Payloads	3 h 45 min
Attitude Determination and Control Subsystems (ADCS)	6 h 15 min
Orbital Control Subsystems (OCS)	1 h 30 min
Power	4 h
Thermal	45 min
Telemetry, Telecommunications and Command (TT&C)	1 h
On Board Data Handling (OBDH)	3 h 45 min
On Board Software (OBSW)	2 h
Overview of ESEC	1 h
Galileo, the European GNSS	1 h
ESA and ESA Education Programme	1 h
Summary & Conclusion	1 h
Evaluation	30 min

Evaluation result:

Grading system:

Grade: A

Grade	Definition	Grade	Definition
A	Outstanding performance with only minor errors	D	Fair but with significant shortcomings
B	Above the average standard but with some errors	E	Performance meets the minimum criteria
C	Generally sound work with a number of notable errors	F	Fail – performance did not meet the minimum criteria

Transinne, 22 September 2020



Hugo Marée
Head of Education Office
European Space Agency