

ANSA / META for Interior safety simulation pre- and post- processing

Training	ANSA / META for Interior safety simulation pre- and post-processing
Duration	half day (4 hours)
Level	Advanced
Who should attend	CAE analysts who perform crash tests and study/develop interior parts of the vehicle.
Training description and objectives	<p>This course introduces participants to the principles of interior safety using ANSA and META so that they are able to create and export interior safety test files according to FMVSS 201 and ECE R21 regulations and evaluate the results.</p> <p>Upon course completion, participants will be able to :</p> <ul style="list-style-type: none"> – Identify critical impact points on interior parts, – position a head form on target points of the upper interior of the car, – calculate the maximum horizontal and vertical approach angles, – output files for several target points, – post process 2d and 3d results for all target points, – visualize all results on a single 3d model, – create reports.
Prerequisites	Basic knowledge of interior safety principles, ANSA, and META is required.
Suggestions	<p>This course can be combined with any of the crash trainings:</p> <ul style="list-style-type: none"> – ANSA for Crash simulation pre-processing – ANSA / META for Pedestrian safety simulation pre- and post- processing – ANSA / META for Occupant safety simulation and dummy handling



Language	English, German, Swedish <i>*ask for more languages</i>
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Suggested topics
ANSA session <ul style="list-style-type: none">– Interior safety tool<ul style="list-style-type: none">a) Target points identificationb) FMH positioningc) Output of keyword filesd) FMVSS 201 pendulum / ECE-R21
META session <ul style="list-style-type: none">– FMVSS_201U toolbar<ul style="list-style-type: none">a) Target points 2d and 3d resultsb) Visualization and overview of results

Course content is subject to change without notice.

Course content may be adjusted to audience requirements or background.