

## SEC4.01 – The Key Ingredients of System Engineering

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<b>Audience</b>	Employees dealing with NAS systems throughout their life cycle, especially those assigned to or supporting acquisition programs.
<b>Overview</b>	The Key Ingredients of System Engineering course is part of the overall ATO Integrated Curriculum on Project/Program Management and System Engineering. This introductory course provides an overview of the system engineering process as defined by the FAA System Engineering Council. The course provides the objective, definition, set of benefits, and a brief description of each of the 12 System Engineering Process Elements included in the process model.
<b>Learning Objectives</b>	At the conclusion of this course, participants will be able to: <ul style="list-style-type: none"><li>▪ Define each of the basic elements in the system engineering process</li><li>▪ Describe how system engineering fits into AMS</li><li>▪ Apply consistent methodology and tools for using system engineering principles across a system's life cycle.</li></ul>
<b>Instructional Methods</b>	(Contact course POC for information)
<b>Prerequisites</b>	None
<b>Length</b>	1 half day session (4 hours)
<b>Location</b>	Refer to ATO web-based Training Tracking System for current locations.
<b>To Register</b>	Register via the ATO web-based Training Tracking System ( <a href="http://arms.faa.gov/">http://arms.faa.gov/</a> ). Print and submit a signed copy of your training request to your directorate training coordinator.
<b>Cost</b>	No tuition cost to ATO directorates (centrally funded through ATO's Intellectual Capital Investment Plan Council). Travel expenses, if applicable, will be the responsibility of the participant's organization.

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## SEC4.01 – The Key Ingredients of System Engineering, cont'd

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**Reasonable Accommodation** We are committed to providing equal access to this training for our employees with disabilities. Any participant requiring reasonable accommodation should contact his/her directorate training coordinator.

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