The Essence of Software Engineering

Learn how to use the Essence to give structure to routine tasks and free-up time for innovation.

**Delivery:** On-site  
**Course Length:** 2 days  
**Course Approach:** Game-play simulation and classroom training  
**Level:** Intermediate

**What you will get from this course**

- Learn about Alphas from the new Essence standard, and how they represent important dimensions of every development project that you need to monitor
- Experience an innovative way to help teams improve their way of working by starting from where they are – without throwing away the good practices they currently use
- Master the use of Alphas to define milestones based on the achievement of objectives, rather than the artifacts produced
- Explore Alphas as a way of measuring progress and health regardless of the method or practices being used
- Learn how Essence will enable a team, or organization, to evaluate the strengths and weaknesses of your way of working, and evolve your team’s practices as it inspects and adapts
- Learn how to achieve effective governance and compliance without constraining the team’s ability to innovate and succeed.
- Experience a unique and innovative learning approach based on game play

**Audience**  
Development teams  
Software practitioners  
Analysts  
Developers  
Testers  
Project managers  
Scrum Masters  
Coaches  
Methodologists  
Change Agents

**Pre-requisites**  
Prior experience of working on software development

**What you receive**  
All attendees will receive their own copy of the best selling book “The Essence of Software Engineering: Applying the SEMAT Kernel” and their own set of SEMAT cards, as well as other materials to allow them to apply the Essence with their teams after the course.

**Why Take the Course**

- Essence helps teams to be agile when working with methods.
- Essence helps teams measure progress in terms of real outcome or results of interest to the stakeholders.
- Using Essence you measure how much you have achieved and the quality of how much you have achieved by using checklists agnostic to any particular method or process.
- Using Essence as a common foundation then enables practitioners to more readily learn from one another.
Learn in a safe simulated environment

Developed by the author’s of the best selling “The Essence of Software Engineering: Applying the SEMAT Kernel” the course is designed to be an immersive and interactive experience. It is light on slide-ware and heavy on interaction, exercise and serious games.

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<tr>
<th>DAY 1</th>
<th>TEAM BUILDING WITH ESSENCE</th>
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<td>✓ Understanding Where We Are</td>
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<tr>
<td>✓ Understanding Where To Go Next</td>
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<td>✓ Building the Team</td>
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<td>✓ Understanding the Team’s Way-of-Working</td>
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<td>✓ Using Alphas to Improve the Team’s Way-of-Working</td>
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<td>✓ Using Alphas to Drive the Work</td>
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<th>DAY 2</th>
<th>SHARING PRACTICES WITH ESSENCE</th>
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<td>✓ Welcome to the World of Practices</td>
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<td>✓ Capturing and Using Practices</td>
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<td>✓ Integrating Teams’ Ways of Working with Shared Practices</td>
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<td>✓ Keeping Teams On Track - Lightweight Governance and Compliance</td>
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<td>✓ Building Communities of Practice</td>
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<td>✓ Achieving Sustainable Change with Practices</td>
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Essence is a standard developed by the SEMAT community and published by the OMG.

About Ivar Jacobson International

Established in 2004, Ivar Jacobson International is a global services company providing high quality consulting, coaching and training solutions for customers implementing enterprise-scale agile software development. IJI improves the performance of software development teams by introducing new practices, and removing barriers to their wider adoption. Through the provision of high calibre people, innovative practices, and proven solutions, IJI ensures that its customers achieve strong business/IT alignment, high performing teams, and projects that deliver.

Creating winning teams.