



## INNOVATION GREEN BELT™ COURSE CURRICULUM

TOPIC AND ITS CONTENT	TIME
<b>I. Introduction</b>	0.5 hour
<b>II. Fundamentals of THE General Theory of Innovation (GTI)</b> <ol style="list-style-type: none"> <li>1. The Concept of System</li> <li>2. The Concept of Environment</li> <li>3. The Concept of Competition</li> <li>4. The Concept of the Evolutionary Process</li> <li>5. General Theory of Innovation (scope, subject, applications)</li> </ol>	1.5 hours
<b>III. Addressing Performance Challenges (Solution of Complex Problems) – 1</b> <ol style="list-style-type: none"> <li>1. GTI Problem Solving Methodology <ul style="list-style-type: none"> <li>• Major concepts <ul style="list-style-type: none"> <li>▪ Science-based approach to solving a problem</li> <li>▪ Failure and failure mechanism (“failure machine”)</li> <li>▪ Conflict</li> <li>▪ Resources</li> </ul> </li> <li>• The GTI-based Problem Solving Process</li> </ul> </li> <li>2. Analysis of a Problematic Situation (Revealing Problems) <ul style="list-style-type: none"> <li>• Information gathering: Problematic Situation Questionnaire (PSQ)</li> <li>• Building the Relationships-between-Events (RelEvent) Diagram</li> <li>• Rules for formulation and prioritization of problems</li> </ul> </li> <li>3. Solution of the Formulated Problems <ul style="list-style-type: none"> <li>• Problem-Solution Templates</li> </ul> </li> <li>4. Hands-On Workshop</li> </ol>	22 hours
<b>IV. Cost Reduction</b> <ol style="list-style-type: none"> <li>1. Cost of a system as an outcome</li> <li>2. System modeling</li> <li>3. Formulation and prioritization of problems</li> <li>4. Problem solution</li> <li>5. Hands-On Workshop</li> </ol>	4 hours
<b>V. Forecasting Evolution of a System</b> <ol style="list-style-type: none"> <li>1. GTI System Evolution Forecasting Methodology <ul style="list-style-type: none"> <li>• Natural Laws of Evolutionary Process</li> <li>• Coefficient of Freedom</li> </ul> </li> <li>2. GTI Evolutionary Templates <ul style="list-style-type: none"> <li>• Increasing the Coefficient of Freedom Numerator</li> <li>• Decreasing the Coefficient of Freedom Denominator</li> </ul> </li> <li>3. Hands-On Workshop</li> </ol>	10 hours
<b>VI. Communication skills</b>	1.5 hours
<b>VII. Conclusion; Q &amp; A</b>	0.5 hour
<b>Total Time:</b>	<b>40 hours</b>

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For questions and comments, please contact us by calling +1-248-381-1491 or sending an email to [info@ipinetwork.com](mailto:info@ipinetwork.com)