



1

	Purpose
1.	To provide you with a set of tools, techniques and templates you
	<mark>can use in your work</mark>
2.	To demonstrate the <mark>ease</mark> of conquering complexity systematically and systemically
3.	To prototype an innovative hybrid workshop based on the
	Evercourse unique lifelong learning experience format
4.	To provide an educational and entertaining virtual one-day
	workshop using
	1. a prerecorded l <mark>ecture</mark> ,
	2. Individual or team exercises and
	3. a live interactive session
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1					
#	Learning outcome	Slide			
1	Why some people can tackle complexity with ease while other struggle.				
2	A little known systemic and systematic approach to tackling complexity.				
3	A little-known tool that helps you formulate the correct problem. The tool will help you overcome one of the major reasons for project failure; solving the wrong problem.				
4	The nature of systems and systems of interest and why understanding that difference is critical to managing complex problems.				
5	The three types of emergent behaviour and how to predict one of them.				
6	The three structures of a problem and why you need to know them.				
7	The six levels of difficulty of problems and why they are important to you.				
8	The difference between research and intervention problems and why you need to understand the difference.				
9	The three domains of a problem				
10	More than 13 tools to help you manage complexity				

		Tools, techniques and templates					
		Tools, techniques and templates	Slide				
	1	Compliance Matrix	5	CRC Press			
	2	System of Interest (SOI)		Systems			
	3	Holistic Thinking Perspectives		Thinker's Toolbox			
	4	Active Brainstorming		Tools for Managing Complexity			
	5	Principle of Hierarchies					
	6	Continuum of Solutions					
	7	Problem Formulation Template					
	8	Hitchins-Kasser-Massie-Mabelo Framework (HKM ² F)					
	9	Subjective and Objective Complexity					
	10	Interface partitioning		locoph Eli Kassor			
	11	Mission and Support Systems Architecture					
	12	Three Structures of a Problem (well-, ill- and wicked)					
	13	Iterative Problem Solving					
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	Exercise 1 Creating the baseline				
1.	The International Council on Systems Engineering (INCOSE) is a complex system				
2.	Lots of information about INCOSE at <u>https://www.incose.org/</u>				
3.	Assume there are problems with(in) INCOSE and you have to create a solution for one or more of them				
4.	Answer the following questions				
	1. What is one of the problems?				
	2. What is the metasystem (context)?				
	3. What are some adjacent systems to the metasystem?				
	4. What are some adjacent systems to this system?				
	5. What is the system of interest? (hint: it depends on the problem)				
	6. What are some of the subsystems (stop at four, use to indicate there are more)?				
5.	Create a PowerPoint file for the exercise containing				
	1. One or more slides containing the answers to questions 4.1-4.6 above				
	2. A completed compliance matrix for the exercise				
	3. A copy of this slide and the version number of the lesson				
	4. The lessons learned from the session				
6.	Save file as yourlastname-firstname-1.pptx (e.g., mouse-michael-1.pptx)				
7.	Email file to Beyondsystemsthinking@yahoo.com				
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