Innovation and Design Tools

You can't innovate without the proper framework and tools

LEAN METHODS GROUP

Course At-A-Glance

Appropriate For: Anyone who needs an innovative approach to problem-solving, or to new product, process or service design; expert problem solvers and Lean Six Sigma practitioners who desire more knowledge, skills and tools

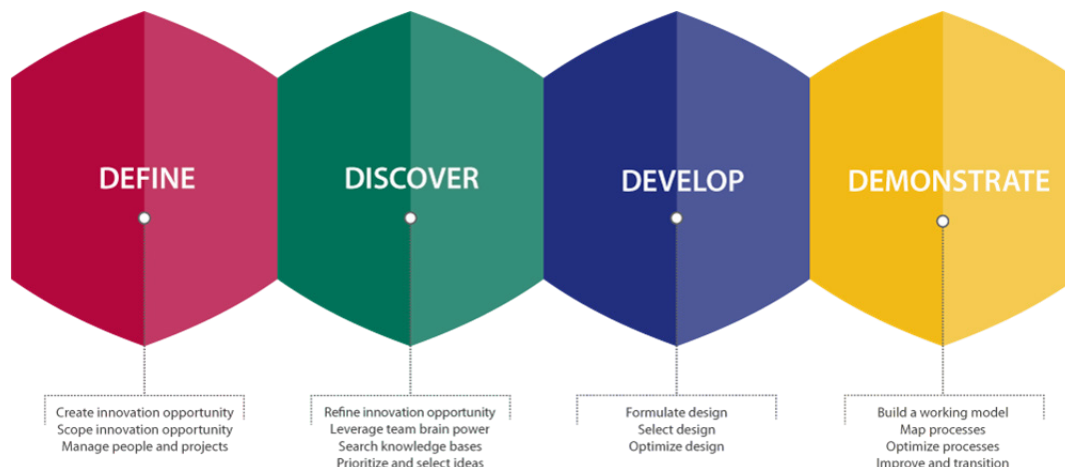**Length:** 5 consecutive days, 36 hours of instruction

Cost: $3,575, €2,999, £2,599

CEUs: 3.6

About Innovation and Design Tools

Unlike most creativity courses that focus only on idea generation and design courses that focus only on refining existing ideas, this course teaches you a diverse set of tools within a complete roadmap that takes you from problem identification to ideation to implementation to commercialization.

The Lean Methods Group's Innovation and Design Tools course follows a systematic innovation road-map, D4 (Define, Discover, Develop and Demonstrate) to identify unmet customer needs, generate ideas to fulfill those needs, analyze the most promising solutions and test the end product/process. It enables you to do this within a purely innovation context, or as an enabler to your Lean Six Sigma pro-

DEFINE
Create innovation opportunity
Scope innovation opportunity
Manage people and projects

DISCOVER
Refine innovation opportunity
Leverage team brain power
Search knowledge bases
Prioritize and select ideas

DEVELOP
Formulate design
Select design
Optimize design

DEMONSTRATE
Build a working model
Map processes
Optimize processes
Improve and transition

gram or project.

This course offers you the opportunity to work on a real business issue with guidance from the innovation experts behind The Innovator's Toolkit: 50+ Techniques for Predictable and Sustainable Organic Growth. As a participant, you'll learn the authors' unique approach for innovating and designing new products, services, processes and business models.

Techniques learned and applied in this course include but are not limited to:

Define	Discover	Develop	Demonstrate
Jobs To Be Done	Resource Optimization	Function Structure	Mistake Proofing
Outcome Expectations	Random Stimulus	TILMAG	Prototyping & Piloting
Ideal Innovation	Imaginary Brainstorming	Morphological Matrix	
Job Scoping	Structured Abstraction		
Kirton Adaption-Innovation	Concept Tree		
Nine Windows	Six Modes of Thinking		

With a hands-on, applied focus, this course teaches innovation and design tools in a workshop environment—complete with interactive lectures, practice exercises for each tool, simulations, and individualized mentoring on your real problems and challenges. You'll practice solving mini problems and case studies throughout course and apply the full spectrum of thinking and tools to solve a bigger problem toward the end.

Learning Objectives

Upon completion of this course, participants will be able to:

- Solve business problems using a variety of innovation and design tools.

- Understand how the outputs of some tools flow as inputs into other tools along the chain of innovation and design.

- Identify unarticulated customer needs and get to the heart of your innovation and design dilemmas.

- Discover alternative solutions using innovative problem-solving tools.

- Develop ideas into solutions and demonstrate success with prototyping and piloting.

- Apply a roadmap for innovation and design to solve business problems with measurable success.

To register for this course, visit leanmethods.com/innovation-tools
or call +1 (303) 827-0010.