

BUSINESS DYNAMICS:

MIT'S APPROACH TO DIAGNOSING AND SOLVING COMPLEX BUSINESS PROBLEMS



WHEN

Jun 16 – 20, 2025

PRICE

\$10,500

excluding accommodations

WHERE

Cambridge, MA

EXECUTIVE CERTIFICATE TRACK

Management and Leadership

In a world of growing complexity, many vexing problems facing managers arise from the unanticipated side effects of their own past actions. The challenge is to move beyond “thinking systemically” and implement practical tools that help managers design better operating policies, understand complexity, and guide effective change. Business Dynamics: MIT’s Approach to Diagnosing and Solving Complex Business Problems provides an intensive, hands-on introduction to system dynamics—a unique framework for understanding and managing complex businesses and organizations. You will be introduced to a variety of tools, including mapping techniques, simulation models, and MIT’s “management flight simulators,” which you can apply to your own business environment. Through workshops and interactive experiments, you will be exposed to the principles of systems thinking and practical methods for putting them into action.

Please visit our website for the most current information.

executive.mit.edu/bd

FACULTY*

John D. Sterman
J. Bradley Morrison
Hazhir Rahmandad

**Please note, faculty may be subject to change.*

TAKEAWAYS

The concepts and frameworks covered in this course will enable you to:

- Discover why dysfunctional dynamics persist in organizations
- Understand why success in one area often means trouble for other areas, and how to avoid this problem
- Identify and understand complex situations and the dynamics they produce
- Assess the likely impact of different policies and decisions on the growth, stability, and behavior of organizations
- Design integrated growth strategies and deduce critical delays in new product development and launch
- Make strategic decisions that result in outcomes consistent with overall objectives
- Develop the ability to think systemically and dynamically and implement successful change initiatives

WHO SHOULD ATTEND

- Executives, managers, planners, strategists, and consultants who work with management teams
- Administrators of public and not-for-profit organizations, management scientists, and educators
- CEOs, CIOs
- Vice presidents of performance management, innovation
- Directors of forecasting, process management, strategic and corporate planning, risk management, and process engineering
- Managers of corporate planning, IT strategy, operations improvement

Companies are encouraged to sponsor cross-functional team participation.



This program is potentially a life changing experience. Once you understand the key principles of System Dynamics and how [they apply] to real world complex situations it feels like you just discovered a new part of your brain you didn't know existed, and there is no going back. ... be prepared to expand the way you see and approach real complex issues and problems.

OVERALL RATING | ★ ★ ★ ★ ★

– Humberto Parro F

CONTACT INFORMATION

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