## **ADVANCED PROBLEM SOLVING**

## Course Introduction

Overview	Business professionals must solve problems and make decisions daily. The ability to make good decisions is a fundamental skill for managers in all businesses or organizations.
	ESSENTIAL Problem Solving (lower level) course fosters one systematic framework (PrOACT) to analyze business problems and make effective strategic decisions.
	ADVANCED Problem Solving course takes this approach one big step forward offering participants opportunity to explore various analytical decision-making frameworks in the context of a 2-week real world group problem solving project (students chose the target company).
	First 3 weeks of the course give participants a thorough overview of problem solving techniques/tools (including PrOACT formula from Essential Problem Solving), and discusses one HBS case study each week.
	Final 2 weeks is a group project, which draws heavily upon participant's critical thinking ability as well as their strategic decision-making ability.
Topics	Decision-making methods/frameworks How to do a situation analysis / choose objectives / generate alternatives How to apply decision-science in the real world business situation
	Cases (Harvard Business School): Rakuten, Solectron – Contract Manufacturer to global supply chain integrator, Morgan Stanley Japan.
In-Class	Course syllabus is built around 2-week group project (weeks 4-5), and is supplemented by articles and 3 case studies from Harvard Business School. Classes will be interactive, lively and participative.
Pre-Class	Students will need to spend on average about 3-4 hours per week preparing for each session including doing assigned readings from course textbook, analyzing cases, and completing exercises related to class topic.
Class Time	Tuesdays 19:00 – 21:40 *5 weekly sessions
Instructor	Nigel Denscombe Denscombe Corporation http://www.denscombe.co.jp/2010/CEO profile.html

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## Course Syllabus

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Week1	Course overview/introduction; decision-making frameworks
	Discussion: Decision-making frameworks
	Discussion: Case "Rakuten"
	TEAM WORK: (PART ONE)
	Decide Rakuten strategy to compete with Yahoo-Japan
Week2	Art of analyzing decisions/decision opportunities
	Discussion: Decision-making frameworks
	Discussion: Case " <i>Rakuten</i> "
	TEAM PRESENTATION: (PART TWO)
	Make presentation about Rakuten strategy to compete with Yahoo-Japan
Week3	Art of analyzing decisions/decision opportunities
	Discussion:
	Case: Solectron: Contract Manufacturer to Global Supply Chain Integrator
	TEAM PRESENTATION:
	Make decision about Solectron path to profitability
Week4	Art of analyzing decisions/decision opportunities
	Discussion: Case " <i>Morgan Stanley Japan</i> "
	Article: "The Wise Decision-Maker"
	TEAM PRESENTATION:
	Decide about further expanding MSJ Japan investment
	*Teams formed and decide on topic for the Week5 final presentation
	Real World Group Problem Solving Project
	Topics: 1. Situation analysis (Define problems/opportunities, identify objectives) 2. Generating alternatives 3. Decision-making
	TEAM PRESENTATION:
	Final presentation - Overall project recommendation (to "client")
Instructor	Nigel Denscombe Denscombe Corporation http://www.denscombe.co.jp/2010/CEO_profile.html