# MITx: CTL.SC2x Supply Chain Design

# F.J.Padt 2015-10-13

# Contents

1	Week 2	2
2	Lesson 1	2
	2.1 QQ1	2
3	Lesson 2	3
	3.1 QQ	3
4	Practice Problems	3
	4.1 PP	3
	4.2 PP	3
	4.3 PP	3
	4.4 Supplemental Materials	3
	4.5 VPP	3
	4.6 VPP	3
	4.7 Graded Assignment	3
	4.8 GA	3
	4.9 GA	3



MITx: CTL.SC2x Supply Chain Design

## Warning: package 'lpSolve' was built under R version 3.2.2

## 1 Week 2

Welcome

## 2 Lesson 1

#### VIDEO 1: FACILITY LOCATION MODELS

### 2.1 QQ1

Which of the following models or techniques will not be discussed in this lesson?

- 1. Mixed Integer Linear Program (MILP)
- 2. Center of Gravity model
- 3. Transportation model
- 4. Minimum Weighted Distance (Weber) model

#### 2.1.1 EXPLANATION

We will be discussing all but the Transportation Problem - since we covered that in the previous lesson!

3	Lesson 2		
3.1	$\mathbf{Q}\mathbf{Q}$		
4	Practice Problems		
4.1	PP		
4.1.1			
4.2	PP		
4.2.1			
4.3	PP		
4.3.1			
4.4	Supplemental Materials		
4.5	VPP		
4.5.1			
4.6	VPP		
4.6.1			
4.6.2	SELECTED MIT SUPPLY CHAIN MANAGEMENT (SCM) THESES		
linked	l phrase		
4.7	Graded Assignment		
4.8	GA		
4.8.1			
4.9	GA		
4.9.1			