**MIS 3537 Study Guide**

**Test 2**

The test will consist of all the topics that we discussed in the class, as well as the material posted by the instructor on the course blog. Here is the list of relevant topics. While I have tried to make this list as comprehensive as possible, I may have inadvertently missed a topic or two, which may be included in the exam.

**Week 6 - 7**

Information Goods Supply Chain

* Characteristics of information goods
* Disruptive Innovations
  + Video rental business
  + How iPod changed the world
* Distribution strategies of information goods
  + Music
  + Movies
  + Software
* Software as a Service (SaaS) / Cloud Computing
* Hulu case
  + Supply chain in TV industry
  + Video on demand

**Week 8**

eProcurement

* Business Process vs. Function
* Importance of eProcurement
* Strategic sourcing
* eContracting
* Types of supply chain contracts
* Extracting value
* Strategic Sourcing - Why
* Design collaboration
* Supplier assessment factors
* Auctions
  + Types of auctions
* Xbox case
  + Product lifecycle and supply chain choices

**Week 9**

eFulfillment and Distribution Strategies

* Definition
* Business Process
* Value added services in eFulfillment
* Logistics postponement
* Dematerialization
* Resource exchange
* Leveraging Shipments / Delivery value density
* Designing distribution networks
  + Costs and benefits
  + Design options
* Amazon Europe Case

**Week 10**

Global Supply Chains – Ethics and Environment

* Ethics
* Difficulty in ensuring ethics in a global supply chain
* Ethical concerns in supply chains
* Fair trade
* Ethical consumerism
* Green Supply Chains
* Green Sourcing
* Green Production
* Green Distribution
* Green Reverse Logistics
* Do Ethics work?
* Starbucks case

**Week 11**

Supply Chain Technology Standards

* Supply Chain Integration Technologies – Getting them to talk
* EDI
* RosettaNet
* XML / Web services
* Standard wars in collaboration technologies
* RosettaNet case
  + Network externalities and standards adoption

**Week 12**

Guest Lecture – Evolution of B2B Business Network

* Where we’ve been and done
* Holistic work processes
* Enabling the work processes
* Supply Chain Operating Networks – Control Tower dashboards

**Week 13**

Global Supply Chain Management Simulation Game

* Key lessons learned
* Making supply chain decisions
  + Product design
  + Forecasting
  + Production

**Week 14**

Final Lecture

* What did you Learn?
* Basic Concepts
* Innovative ways Supply Chain and IT Help Firms
* Mindset
* Business Process View - Get Smart
* Thoughts on Success