

ETI 3647 - Supply Chain Management

Week #	Action Item	Points	Additional Instructions	Due Date
1	Start Here - Introduction		Course Content - Meet Professor, Syllabus, Additional Links & Resources, Course Design (video opens Introduction Quiz), SCM Study Tips	Wednesday
1	Introduction Quiz	5	Introduction - Earn ≥ 90% on Quiz (opens Week 1-8)	Wednesday
1	Issue 1.0 - Week 1 Highlights		Week 1 Course Content - Read (included in 1.1 assessment)	Wednesday
1	1.1 Basics - Review	10	Week 1 Course Content - Watch/Read and includes assessment	Saturday
1	1.2 Strategies & Trends	10	Week 1 Course Content - Watch/Read and includes assessment	Saturday
1	1.3 Performance Measures	10	Week 1 Course Content - Watch/Read and includes assessment	Saturday
1	1.4 Analytics - Descriptive Techniques	20	Week 1 Course Content - Watch/Read add Apply (Excel Data Analysis Toolpak, descriptive statistics, chart)	Sunday
1	1.5 Additional Case Studies		Week 1 Course Content - Watch/Read	Sunday
2	Class Introductions	5	Week 2 Course Content - Read and post video intro with replies	Wed. & Fri.
2	Issue 2.0 - Week 2 Highlights		Week 2 Course Content - Read (included in 2.1 assessment)	Wednesday
2	2.1 Networks - Designs	10	Week 2 Course Content - Watch/Read and includes assessment	Saturday
2	2.2 Services vs. Products	10	Week 2 Course Content - Watch/Read and includes assessment	Saturday
2	2.3 Key Supply Chain Decisions	10	Week 2 Course Content - Watch/Read and includes assessment	Saturday
2	2.4 Analytics - Networks/Locations	20	Week 2 Course Content - Watch/Read and apply (Weighted Scoring, Breakeven, Center of Gravity, Discounted Cash Flow, Decision Tree)	Sunday
2	2.5 Additional Case Studies		Week 2 Course Content - Watch/Read	Sunday
3	Issue 3.0 - Week 3 Highlights		Week 3 Course Content - Read (included in 3.1 assessment)	Wednesday
3	3.1 Processes & People	10	Week 3 Course Content - Watch/Read and includes assessment	Saturday
3	3.2 Sustainability & Regulations	10	Week 3 Course Content - Watch/Read and includes assessment	Saturday
3	3.3 Supply Management	10	Week 3 Course Content - Watch/Read and includes assessment	Saturday
3	3.4 Analytics - Planning	20	Week 3 Course Content - Watch/Read and apply (Supplier Selection, Aggregate Planning (S&OP), Revenue (Yield) Management)	Sunday
3	3.5 Additional Case Studies		Week 3 Course Content - Watch/Read	Sunday
4	Issue 4.0 - Week 4 Highlights		Week 4 Course Content - Read (included in 4.1 assessment)	Wednesday
4	4.1 Customer Centric	10	Week 4 Course Content - Watch/Read and includes assessment	Saturday
4	4.2 Communication & Collaboration	10	Week 4 Course Content - Watch/Read and includes assessment	Saturday
4	4.3 Information Systems & Technologies	10	Week 4 Course Content - Watch/Read and includes assessment	Saturday
4	4.4 Analytics - Forecasting	20	Week 4 Course Content - Watch/Read and apply (Moving Average, Exponential Smoothing, Regression, Trend, Seasonality, Error, Bias, Tracking Signal)	Sunday
4	4.5 Additional Case Studies		Week 4 Course Content - Watch/Read	Sunday
5	Issue 5.0 - Week 5 Highlights		Week 5 Course Content - Read (included in 5.1 assessment)	Wednesday
5	5.1 Inventory Management	10	Week 5 Course Content - Watch/Read and includes assessment	Saturday
5	5.2 Capacity & Warehouse	10	Week 5 Course Content - Watch/Read and includes assessment	Saturday
5	5.3 Price & Promote	10	Week 5 Course Content - Watch/Read and includes assessment	Saturday
5	5.4 Analytics -Pricing	20	Week 5 Course Content - Watch/Read and apply (Price Elasticity, Differential & Single Pricing, Capacity Constraints, Overbooking, Long-term Bulk vs. Spot Market, Excel Solver)	Sunday
5	5.5 Additional Case Studies		Week 5 Course Content - Watch/Read	Sunday
6	Issue 6.0 - Week 6 Highlights		Week 6 Course Content - Read (included in 6.1 assessment)	Wednesday
6	6.1 Transportation	10	Week 6 Course Content - Watch/Read and includes assessment	Saturday
6	6.2 Cost Management	10	Week 6 Course Content - Watch/Read and includes assessment	Saturday
6	6.3 Data Mining & Sensitivity	10	Week 6 Course Content - Watch/Read and includes assessment	Saturday
6	6.4 Analytics - Scheduling	20	Week 6 Course Content - Watch/Read and apply (Economic Order Quantity, Quantity Discounts, Safety Stock,Transportation Model, Supplier Comparison)	Sunday
6	6.5 Additional Case Studies		Week 6 Course Content - Watch/Read	Sunday
7	Issue 7.0 - Week 7 Highlights		Week 7 Course Content - Read (included in 7.1 assessment)	Wednesday
7	7.1 Global Trade Management	10	Week 7 Course Content - Watch/Read and includes assessment	Saturday
7	7.2 Risk Management	10	Week 7 Course Content - Watch/Read and includes assessment	Saturday
7	7.3 Simulations & Models	10	Week 7 Course Content - Watch/Read and includes assessment	Saturday
7	7.4 Analytics - Prescriptive Techniques	20	Week 7 Course Content - Watch/Read and includes assessment (Algorithms, Optimization Technologies, Business Intelligence, Machine Learning, Artificial Intelligence, Visualizations)	Sunday
7	7.5 Additional Case Studies		Week 7 Course Content - Watch/Read	Sunday
8	Final Exam	65	Week 8 Course Content - Comprehensive (*due early*)	Wednesday

Total Points Possible = 425

Grade Weight by Category:

Introduction (Syllabus Quiz & Discussion Posts)	10
Assessments (Week 1 thru 7)	210
Analytics (Week 1 thru 7)	140
Final Exam	65
Total Points	425

Final Grade Distribution:

A = 425.0
B = #REF!
C = #REF!
D = #REF!
F = #REF!