Master of Business Administration

Operations and Supply Chain Management

Trimester 3: 2016

The approach to this module should be a focus on Supply Chain Management (SCM) that will incorporate the ‘Operations Management’ topics that are in the study guide.

The lectures should therefore be structured as follows:

1. Introduction to SCM

SCM concepts

Understanding the strategic significance of the supply chain

1. Supply Chain process integration\*\*

Supply Chain Performance\*\*

Supply chain strategies (Relate to strategy module)

Operations and SC strategies

Sustainability and the Supply chain (Relate to sustainability and CG module)

Managing quality\*

1. Supply issues:

Purchasing Management

Sourcing decisions\*\*

Ethical and sustainable sourcing\*\* (Relate to sustainability and CG module)

Supply strategies

1. Operations Issues: \*\*

Operations Strategy\*

Demand Forecasting\*

Resource planning systems\*

Aggregate planning\*

Capacity Management\*

Inventory Management\*

Process Management\*

Location decisions\*

1. Distribution issues:

Integrated Logistics

Distribution management

Customer Relationship management \*\* (relate to Strategic Marketing module)

Location decisions\*

1. E-Commerce and SCM\*\*

Supply Chain information systems\*\*

Information Technology in a supply chain\*\*

The topics marked with an \* are in the current module. The plan is to provide additional notes to students during the trimester.

In December, there will be one examination for Operations and Supply Chain Management and Information and Knowledge Management (IKM). The examination will consist of at least two case studies. The areas marked \*\* will be the focus of the examination, with the intention being an integrated assessment of the concepts in these two modules.

The sections covered in the assignment (with the exception of Question1) will not be covered in the examination paper. There will also not be any quantitative type questions requiring calculations and numerical analysis. The focus will be on strategic aspects of SCM and IKM.

The prescribed textbook (Heizer and Render) is unfortunately not available. However, the PowerPoint slides are available for the previous edition.

Students will be advised to consider obtaining one or more of the following books:

* Russell RS and Taylor BW (2014) Operations and Supply Chain Management 8th edition Wiley
* Schroeder RG, Goldstein SM and Rungtusanatham (2013) Operations Management in the Supply Chain Decisions and Cases 6th edition McGraw-Hill
* Chopra S and Meindl P (2016) Supply Chain Management Strategy, Planning and Operation 6th edition. Pearson
* Wisner JD, Tan KC and Leong GK (2016) Principles of Supply Chain Management A Balanced Approach 4th edition Cengage Learning
* Bozarth CC and Handfield RB (2016) Introduction to Operations and Supply Chain Management 4th edition Pearson
* Hugo WMJ, Badenhorst-Weiss JA and van Biljon EHB (Editors) (2015) Supply Chain Management Logistics in Perspective Van Schaik