

# University of Vaasa

## Department of Accounting & Finance

### Advanced Managerial Accounting

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Instructor: "Guna" A. Gunasekaran  
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Period: March 16-19, 2009 (8:00am-12:00noon); 20, 2009 (1:00-5:00pm)  
Contact hours: 20

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#### **Course Description:**

Managerial accounting plays a major role in controlling costs and expenses in both manufacturing and service organizations. Costs and expenses will determine the price of products and services which will eventually shape the competitiveness of firms. This course aims to present the state-of-art strategies and methods for cost management. The topics will include: costing new enterprise environment, activity-based costing, performance measurement and strategies, business process reengineering using ABM, financial and non-financial performance measures, value-based performance control strategies, target costing, and performance measurement in supply chain, lean accounting and performance measurement.

#### **Objectives:**

At the end of the course, the students will be able to understand and apply the following managerial cost accounting strategies and methods:

- Strategic cost management
- Emerging issues in performance measures and management
- Activity-based Costing and Management
- Value-based costing
- Balanced scorecard
- ABC and ABM
- Performance measures and metrics in SCM
- Costing in new enterprise environment.
- Financial and non-financial performance measures
- Strategic, tactical and operational performance measures
- Product costing and pricing in global environment.
- Life cycle costing
- Emerging practices in costs management

### **Course Materials:**

Edwards, James, B., *Emerging Practices in Costs Management: Strategic Cost Management*. 2000 Edition, Warren, Corham & Lamont, RJA Group.

Gunasekaran, A. and Kobu, B., “*Performance Measures and Metrics in Logistics and Supply Chain Management: A Review of Recent Literature (1995-2004) for Research and Applications*”, *International Journal of Production Research*, Vol. 45, No. 12 (2007), 2819-2840.

Gunasekaran, A., James Williams, H. and McGaughey, R.E., “*Performance Measurement and Costing Systems in New Enterprise*”, *Technovation*, Vol. 25, No. 5 (2005), 523-533.

Yahaya, Y.Y., Gunasekaran, A. and Abthorpe, M., “*Enterprise Information Systems Project Implementation: A Case Study of ERP in Rolls-Royce*”, *International Journal of Production Economics*, Vol. 87, No. 3 (2004), 251-266.

Gunasekaran, A., Love, P.E.D., Rahimi, F. and Miele, R., “*A Model for Investment Justification in Information Technology Projects*”, *International Journal of Information Management*, Vol. 21 (2001), 349-364.

Gunasekaran, A., Patel, C. and Tirtiroglu, E., “*Performance Measures and Metrics in a Supply Chain Environment*”, *International Journal of Operations & Production Management*, Vol. 21, No. 1/2 (2001), 71-87.

Gunasekaran, A., Lai, K.-H. and Cheng, T.C.E., “*Responsive Supply Chain: A Competitive Strategy in a Networked Economy*”, *OMEGA*, Vol. 36, No. 4 (2008), 549-564.

Gupta, K. and Gunasekaran, A., “*Costing in New Enterprise Environment: Challenge for Managerial Accounting Researchers and Practitioners*”, *Managerial Auditing Journal*, Vol. 20, No. 4 (2005), 337-353.

Gunasekaran, A., Patel, C. and McGaughey, R., “*A Framework for Supply Chain Performance Measurement*”, *International Journal of Production Economics*, Vol. 87, No. 3 (2004), 333-348.

### **Assessment:**

Project Report – An overview of advanced managerial concepts and techniques (50%) and Final Exam (50%).