

## Liverpool John Moores University

Title: BUSINESS PROCESS INTEGRATION  
 Status: Definitive  
 Code: **6055TECH** (105698)  
 Version Start Date: 01-08-2016

Owning School/Faculty: Maritime and Mechanical Engineering  
 Teaching School/Faculty: Maritime and Mechanical Engineering

Team	Leader
John Skiffington	Y

**Academic Level:** FHEQ6      **Credit Value:** 12      **Total Delivered Hours:** 36

**Total Learning Hours:** 120      **Private Study:** 84

### Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	12
Practical	24

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	AS1	Coursework - Group report and process map produced in VISIO to capture business elements from verbal descriptors	40	
Essay	AS2	Coursework - Group report on functionality of SAGE package	25	
Essay	AS3	Coursework – Group report providing critical appraisal of SAGE in terms of capturing business process elements, provision of useful management information, comparison with group's output from Coursework No 1	35	

## Aims

*To give an integral model overview of the relationships and necessary interplay between diverse processes that must co-exist in a business, and to appreciate the workings of a typical business control package designed to represent these and other functions.*

## Learning Outcomes

After completing the module the student should be able to:

- 1 Recognise and diagrammatically show diverse business processes .
- 2 Model the information flows between processes.
- 3 Connect different business processes to produce a model of a whole business
- 4 Develop a business model application on proprietary software.
- 5 Use the software application to generate meaningful management Information.

## Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

CW	1	2	3
CW	3	4	
CW	3	4	5

## Outline Syllabus

*Visio – use of drawing tool to represent business process;*

*Descriptions and modeling of Business Sub-processes*

*Production – Scheduling and Work-structure - (Bill of materials)*

*Sales, Customer Order processing – (sales ledger)*

*Accounts – asset management - (nominal ledger)*

*Purchasing – Supplier Management - (purchase ledger)*

*Warehousing – order filling - (stock)*

*and how to connect these together to demonstrate the management of a customer order from receipt to delivery and invoice*

*Exploration of the SAGE Accounts Software (Business Control system) to understand workings, in particular how a customer order is processed via material acquisition, allocation, value adding processes, storage & distribution, delivery, invoicing, cash management, supplier order management, customer order management.*

*Use of SAGE data to generate useful management information*

*Revisit to self built model to critically appraise differences between it and SAGE.*

## **Learning Activities**

Taught theory and Practical

## **Notes**

The module is to give the student an overview of the relationships and necessary interplay between diverse processes that must co-exist in a business, and to appreciate the workings of a typical business control package SAGE.