PROGRAMME SPECIFICATION

Bachelor of Science with Honours in E Business Technology & Management

Awarding institution	Liverpool John Moores University
Teaching institution	Kolej Teknologi YPC-ITWEB
JACS Code	H100
Programme Duration	Full-Time: 3 Years
Language of Programme	All LJMU programmes are delivered and assessed in English
Subject benchmark statement	QAA Business and Management Benchmarks (2007)
Programme accredited by	
Description of accreditation	
Validated target and alternative exit awards	Bachelor of Science with Honours in E Business Technology & Management
	Diploma of Higher Education in E Business Technology & Management
	Certificate of Higher Education in E Business Technology & Management
Link Tutor	Karl Jones

Educational aims of the programme

E-business can be defined as the use of electronically enabled communication networks that allow business enterprises to transmit and receive information. The programme aims to:

- To equip graduates with knowledge and skills to enable them to make a valuable contribution to enterprises using, or planning to use, integrated computer-based information systems ("E-business" systems)

- To develop students' understanding of the nature, importance and complexity of the effective management of technological systems

- To develop cognitive, practical and key skills of value and relevance to a wide range of employer organisations, but especially those enterprises operating in a technical environment

- To encourage students to engage with employability skills by completing a self-awareness statement

Alternative Exit/ Interim Award Learning Outcomes - Certificate of Higher Education

A student who is eligible for this award will be able to:

Understand the basic nature of organisations, the economic environment in which they operate and the characteristics underpinning successful e-commerce business models

Develop competence with the software and hardware elements of ebusiness to create a simple e-business system.

Collate information using it to plan and develop e-business solutions to a wide range of unpredictable problems, reflecting on personal and/or group performance.

Alternative Exit/ Interim Award Learning Outcomes - Diploma of Higher Education

A student who is eligible for this award will be able to:

Structure and analyse data using management concepts such as marketing and techniques such as accounting to plan and deliver creative detailed enterprise activities.

Use rigorous methodologies to design and implement a networked, robust e-business system

Accept responsibility for determining and achieving personal and/or group outcomes.

Target award Learning Outcomes - Bachelor of Science with Honours

A student successfully completing the programme of study will have acquired subject knowledge and understanding as well as skills and other attributes.

Knowledge and understanding

A student who is eligible for this award will be able to:

A1. The nature, purpose and application of Information and Communications technology

A2. The role of E-Business Systems and information management in organisations

A3. The management of technological systems; especially of change (strategic and operational improvements) and innovation; including associated people and organisational management; societal and legal aspects

A4. The control of projects, finances and other resources

A5. The theory and management of Marketing, customer service and supply chain.

Teaching, learning and assessment methods used to enable outcomes to be achieved and demonstrated

Core knowledge and understanding is acquired mainly through lectures, laboratories and tutorials. Web-based or other open learning resources are also used in some modules. Group work is important in some modules. Development of the student as independent learner is achieved via the final year project, and by directed and independent learning approaches within other modules.

Assessment

By examination and coursework. Courseworks include portfolio assessment; individual written reports; group reports; individual and group oral presentations.

Skills and other attributes

Intellectual Skills

A student who is eligible for this award will be able to:

B1. Critically evaluate E-Business and other management systems, policy and practice with reference to relevant theory and practice.

B2. Plan conduct and report on an individual project to make a management case for tackling a complex problem in a real organisation.

B3. Integrate and evaluate information and data from a variety of sources

B4. Identify problems, generate and select solutions and plan implementation of improvements in a management and technical context.

B5. Take a holistic approach via the application of systems thinking to business/management and/or technical problems.

Teaching, learning and assessment methods used to enable outcomes to be achieved and demonstrated

Promoted by lectures, tutorials, seminars, group discussions and other work, and coursework assignment tasks. Developed to the most advanced stage through the final year project. Use of case studies and other work-related learning such as guest lecturers, industry visits, at all levels.

Assessment

By coursework and examination. Examination questions may be based on case studies to develop students' ability to apply theory to practice. Coursework includes practical tasks (such as investigations of business practice)and oral/written reports of work carried out. Final year project work is an important element.

Professional practical skills

A student who is eligible for this award will be able to:

C1. Design and build customised e-business systems based on industry standard packages

C2. Determine organisations' needs for an e-business system, and evaluate possible solutions

C3. Apply problem-solving techniques to technical and/or business/management issues.

C4. Manage projects with respect to time and resources

Teaching, learning and assessment methods used to enable outcomes to be achieved and demonstrated

Practical work is carried out in class and/or as assignment tasks, which may involve case studies or active investigation of real enterprises. Industrial visits and guest lecturers are also used to provide additional

work-based learning opportunities. In this way the relevance of theory to practice is developed to a strong extent. The final year project provides opportunity for these skills to be developed to a high level. This requires students to apply theory and tools to a real work place situation, normally facilitated by a short-term placement in a company.

Assessment

By coursework such as portfolios, oral and written reports. Viva voce examination of the final year project takes place. Some assessment of practical skills may take place in examinations e.g. where appraisal of the use of a tool/technique is required; or where tools/techniques are applied to case study examples.

Transferable / key skills

A student who is eligible for this award will be able to:

D1. Make effective use of a range of research techniques, methodologies and information sources.

D2. Work effectively in a team and to independently deliver objectives on time.

D3. Communicate effectively orally and in writing for a variety of purposes.

D4. Make effective use of a wide range of software packages for communication and information analysis purposes

D5. Manage own learning

D6. Analyse and interpret numerical information

Teaching, learning and assessment methods used to enable outcomes to be achieved and demonstrated

Practical work is carried out in class and/or as assignment tasks. Some modules are supported by open-learning resources, diagnostic tests, etc. Key skills are developed in particular through: Level 4 Computer and Numerate Skills module and Integrating Activities: Decisions, Cases and Practice, further enhanced at Level 5 with Problem Solving, Teamwork, Project Analysis and Preparation, and then at Level 6 with the final year project. However, the pervasiveness of key skills development opportunities throughout the programme is an important feature.

Assessment

By coursework such as portfolios, oral and written reports, participation in seminars or discussions. Viva voce examination of the final year project takes place.

Programme structure - programme rules and modules

Programme rules

Attendance is full time at Kolej YPC IT-Web Malaysia for all levels. Each level can be completed in one academic year with a total of 24 teaching and 2 directed study weeks plus examination periods.

Level 6	Potential Awards on completion	Bachelor of Science with Honours
Core	Option	Award Requirements
6601TECYPC Technology Management Project (40 credits) 6602TECYPC Internet and Open Source Programming (20 credits) 6603TECYPC Business Process Integration (10 credits) 6604TECYPC Customer Service and the Supply Chain (10 credits) 6605TECYPC Management and Finance (20 credits) 6606TECYPC Computer and Network Configuration (20 credits)		120 core credits at level 6 0 option credits at level 6

Level 5	Potential Awards on completion	
Core	Option	Award Requirements
5601TECYPC e-Business Law (10 credits) 5602TECYPC Technology and Business Interaction (10 credits)		120 core credits at level 5 0 option credits at level 5

5603TECYPC Systems Modelling and Requirements Analysis (20 credits) 5604TECYPC Computer Archtitecture (20 credits) 5605TECYPC Applications and VB for E-Business (20 credits) 5606TECYPC Quality Management (20 credits) 5607TECYPC Business and Entrepreneur (20 credits)		

Level 4	Potential Awards on completion	
Core	Option	Award Requirements
4601TECYPC Introduction to Organisations and E-Business (10 credits) 4602TECYPC The Global Marketplace (10 credits) 4603TECYPC Web Site Design (20 credits) 4604TECYPC Computer and Numerate Skills (20 credits) 4605TECYPC Database Design (20 credits) 4606TECYPC Managing People and Organisation (20 credits) 4607TECYPC Networks and Information Systems (20 credits)		120 core credits at level 4 0 option credits at level 4

Information about assessment regulations

All programmes leading to LJMU awards operate within the University's Academic Framework.
https://www.ljmu.ac.uk/about-us/public-information/academic-quality-and-regulations/academic-framework

Opportunities for work-related learning (location and nature of activities)

6601TECYPC - Technology Management Project involves work based and work related learning where the students are required to identify an organisation and demonstrate what they have studied by applying their knowledge in real business situation comprising what they studied in management, technical scientific principles, research, problem solving, decision taking, develop, organise and coordinate resources within the identified organisation.

Additionally, all modules are industry focussed and the needs of industry are paramount in ensuring the continued good employability of the graduates. One particularly good example is from IBM in Malaysia, where a significant proportion of the graduates have successfully gained employment after graduation. The views of companies such as IBM are important in curriculum design and of ensuring continued currency of the programme. With these aspects in mind, a programme of key industrial guest lectures will enhance the programme¿s delivery and relevance.

Work related learning needs to be a key element of this programme based on feedback from industrialists and academics. There is no placement period allowed for in this proposal and WRL will be included through industrial input into to work simulation projects especially the Technology Management Project. This will include the use of industry generated case study material and industry speakers and the use of case studies as the basis for a significant amount of the assignment work.

Criteria for admission

Overseas qualifications
School/College leavers are expected to have achieved one of the following entry requirements:

(i) SPM -3 credits (equivalent to O level)

plus

YPC-iTWEB Diploma in E-Business Technology - with 2.5 Cumulative Grade Point Average (CGPA)

OR

(ii) STPM (Malaysian Higher School Certificate) -2 passes (equivalent to A level) in appropriate subjects

OR

(iii) MQA approved Diploma in an appropriate discipline - with 2.5 CGPA

OR

(iv) YPC-iTWEB Foundation in Business and Information Technology/YPC - ITWEB Foundation in Business.

OR

(v) A Matriculation recognised by the Malaysian government - with 2.0 CGPA and above

OR

(vi) 'A' Levels

The Programme Leader will interview all applicants to ascertain their knowledge, skills, suitability and English language competence in relation to the programme requirements.

Applications are welcomed from students offering other awards or combinations of unit awards. These will be considered on an individual basis.

Applicants holding a YPC Diploma in Business Information Technology will be eligible for Level 5 entry.

This programme is delivered in English. Candidates are not required to have formal English language qualifications but should have proficiency at least equivalent to IELTS 6.0.

External Quality Benchmarks

All programmes leading to LJMU awards have been designed and approved in accordance with the UK Quality Code for Higher Education, including the Framework for Higher Education Qualifications in the UK (FHEQ) and subject benchmark statements where applicable.

The University is subject to periodic review of its quality and standards by the Quality Assurance Agency (QAA) Published review reports are available on the QAA website at www.qaa.ac.uk

Programmes which are professionally accredited are reviewed by professional, statutory and regulatory bodies (PSRBs) and such programmes must meet the competencies/standards of those PSRBs.

Support for students and their learning

The University aims to provide students with access to appropriate and timely information, support and guidance to ensure that they are able to benefit fully from their time at LJMU. All students are assigned a Personal Tutor to provide academic support and when necessary signpost students to the appropriate University support services.

Students are able to access a range of professional services including:

- Advice on practical aspects of study and how to use these opportunities to support and enhance their personal and academic development. This includes support for placements and careers guidance.

- Student Advice and Wellbeing Services provide students with advice, support and information, particularly in the areas of: student funding and financial matters, disability, advice and support to international students, study support, accommodation, health, wellbeing and counselling.

- Students studying for an LJMU award at a partner organisation will have access to local support services

Methods for evaluating and improving the quality and standards of teaching and learning

Student Feedback and Evaluation

The University uses the results of student feedback from internal and external student surveys (such as module evaluations, the NSS and PTES), module evaluation questionnaires and meetings with student representatives to improve the quality of programmes.

Staff development

The quality of teaching is assured through staff review and staff development in learning, teaching and assessment.

Internal Review

All programmes are reviewed annually and periodically, informed by a range of data and feedback, to ensure quality and standards of programmes and to make improvements to programmes.

External Examining

External examiners are appointed to programmes to assess whether:

- the University is maintaining the threshold academic standards set for awards in accordance with the FHEQ and applicable subject benchmark statements

- the assessment process measures student achievement rigorously and fairly against the intended outcomes of the programme(s) and is conducted in line with University policies and regulations

- the academic standards are comparable with those in other UK higher education institutions of which external examiners have experience

- the achievement of students are comparable with those in other UK higher education institutions of which the external examiners have experience

and to provide informative comment and recommendations on:

- good practice and innovation relating to learning, teaching and assessment observed by external examiners

- opportunities to enhance the quality of the learning opportunities provided to students

Please note:

This specification provides a concise summary of the main features of the programme and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. More detailed information on the learning outcomes, content, teaching, learning and assessment methods of each module can be found in module and programme guides.