



Xi'an Jiaotong-Liverpool University

西交利物浦大學

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***School of Advanced Technology***

**MODULE HANDBOOK**

**CAN302:**

**Technologies for e-Commerce**

***Ping Zhang***

**Semester 2**

**2021-2022**

## **SECTION A: Basic Information**

### **□ Brief Introduction to the Module**

- *This module will provide an in-depth overview of the fundamentals as well as modern techniques of optical fiber communication systems.*
- *It will include system design considerations and component operation.*

### **□ Key Module Information**

Module name: *Technologies for e-Commerce*

Module code: *CAN302*

Credit value: *5 credits*

Semester in which the module is taught: *S2*

Pre-requisites needed for the module: *N/A*

Programmes on which the module is shared:

*BEng Digital Media Technology*

*BSc Information and Computing Science*

*BSc Information Management and  
Information Systems*

### **□ Delivery Schedule**

*Due to pandemic, the first several weeks online, hope we can be back to off-site soon.*

Lecture room: *EB101*

Lecture time: *Week 1-2 11:00 – 13:00, Mon. and Wed.*

*Week 3-6 and Week 8-13 11:00 – 13:00 Wed.*

Lab rooms: *SC375/SD554/SD546*

Lab times: *Week 3-6 and Week 8-13 9:00-11:00 Mon. or Wed.*

### **□ Module Leader and Contact Details**

Name: *Ping Zhang*

Brief Biography: *PhD of electronic & electrical engineering*

Email address: *ping.zhang@xjtlu.edu.cn*

Office telephone number: *0512 – 8897 3028*

Room number and office hours: *9:00 – 11:00 Wed. @ EE222*

Preferred means of contact: *Email*

□ **Additional Teaching Staff and Contact Details**

**SECTION B: What you can expect from the module**

□ **Educational Aims of the Module**

The principle aim of this module is to introduce the environment in which e-commerce takes place. It will also introduce the technologies that support e-commerce solution's development, marketing and maintenance, as well as e-commerce social issues including security, privacy and ethics.

□ **Learning Outcomes**

<b>A</b>	Demonstrate an understanding of the methods and issues involved in deploying e-commerce solution to meet business goals.
<b>B</b>	Demonstrate the ability to use suitable technologies and methods in developing, deploying, marketing and maintaining e-commerce solutions.
<b>C</b>	Demonstrate an awareness of security issues and solutions in e-commerce transactions.
<b>D</b>	Demonstrate an awareness of key legal, social and ethical issues as well as methods to account for these in a system design.

□ **Assessment Details**

Sequence	Method	Assessment Type(EXAM or CW) <sup>2</sup>	Learning outcomes assessed( <i>use codes under Learning Outcomes</i> )	Duration	Week	% of Final Mark	Resit(Y/N/S) <sup>3</sup>
1	Assignment	CW	A, B			15	N
2	Assignment	CW	A, B			15	N
3	Final Exam	EXAM	All	2 hours		70	N

*Please note there is NO opportunity for re-sitting!!!*

Dates for coursework submission, along with the marking criteria and full requirements will be uploaded onto learning mall **at least** 2 weeks before the required submission date. All coursework submission will be on-line.

### ❑ **Methods of Learning and Teaching**

This module is delivered mainly through lectures. Problems are embedded in lectures.

### ❑ **Syllabus & Teaching Plan**

Week Number and/or Date	Lecture/Seminar/ Field Trip/Other	Topic/Theme/Title	Pre-reading
Week 1	Lecture 1 - 2	Introduction	
Week 2 - 6	Lecture 3 - 7	Web technologies	
Week 8 - 10	Lecture 8 - 10	Security technologies	
Week 11 - 12	Lecture 11 - 12	Marketing and social issues	
Week 13	-	Review	

### ❑ **Reading Materials**

#### **Reference textbook:**

Title	Author	ISBN/Publisher
NETWORK SECURITY ESSENTIALS: APPLICATIONS AND STANDARDS	WILLIAM STALLINGS	9780201730463 /HARLOW ENGLAN
DEVELOPING DISTRIBUTED AND ECOMMERCE APPLICATIONS	DARREL INCE	9780134527338 /MORGAN KAUFMA

This is a standard undergraduate module and you will find a lot of information on the internet and in the many books in the library. Since this field is very dynamic, the on-line information and even books may not up-to-date. You may find conflicts. Try to ask “what is the truth” and reading more can help. The lectures are not based on any specific text book. Links to useful online resources will be made available in lecture notes.

### **SECTION C: Additional Information**

#### ❑ **Attendance**

- ❑ Students who are able to be on campus are reminded of the Academic Policy requiring no less than 80% attendance at classes. Failure to observe this requirement may lead to failure or exclusion from retake examinations in the following year.

#### ❑ **Student Feedback**

The University is keen to elicit student feedback to make improvements for each module in every session. It is the University policy that the preferred way of achieving this is by means of an Online Module Evaluation Questionnaire Survey.

Students will be invited to complete the questionnaire survey for this module at the end of the semester.

**You are strongly advised to read the policies mentioned below very carefully, which will help you better perform in your academic studies. All the policies and regulations related to your academic study can be found in 'Student Academic Services' section under the heading "Policies and Regulations" on [E-bridge](#).**

❑ **Plagiarism, Cheating, and Fabrication of Data.**

Offences of this type can result in attendance at a University-level committee and penalties being imposed. You need to be familiar with the rules. Please see the "Academic Integrity Policy" available on e-Bridge in the 'Student Academic Services' section under the heading 'Policies and Regulations'.

❑ **Rules of submission for assessed coursework**

The University has detailed rules and procedures governing the submission of assessed coursework. You need to be familiar with them. Details can be found in the "Code of Practice for Assessment" available on e-Bridge in the 'Student Academic Services' section under the heading 'Policies and Regulations'.

❑ **Late Submission of Assessed Coursework**

The University attaches penalties to the late submission of assessed coursework. You need to be familiar with the University's rules. Details can be found in the "Code of Practice for Assessment" available on e-Bridge in the 'Student Academic Services' section under the heading 'Policies and Regulations'.

❑ **Mitigating Circumstances**

The University is able to take into account mitigating circumstances, such as illness or personal circumstances which may have adversely affected student performance on a module. It is the student's responsibility to keep their Academic Advisor, Programme Director, or Head of Department informed of illness and other factors affecting their progress during the year and especially during the examination period. Students who believe that their performance on an examination or assessed coursework may have been impaired by illness, or other exceptional circumstances should follow the procedures set out in the "Mitigating Circumstances Policy", which can be found on e-Bridge in the 'Student Academic Services' section under the heading 'Policies and Regulations'.

❑ **Viewing Exam Scripts**

Students are permitted to see their answer sheets for final and resit exams under the stated conditions. A student must apply to review their answer sheet within

two weeks of the results being published on e-bridge. If a request is received before this deadline the relevant departmental administrative support staff will arrange a time for the student to view their script in the company of an appointed staff member.

The following conditions apply for students to view their exam scripts.

1. Students will be afforded a set time period in which they are allowed to view their exam script (e.g. a limit of 5 minutes).
2. Students have *no* right to discuss their mark, ask for their marks to be adjusted, or demand more marks.
3. Students are only allowed to see their own script individually and cannot be accompanied by another party other than the appointed staff member.
4. Students are not allowed to write notes or take photos during the appointment.
5. There is no requirement to provide students with access to the exam paper or solutions.
6. The module leader may request an additional staff member to be on-site during review so as to avoid any potential conflict.

Please note that the purpose of viewing exam scripts is to check for mistakes in your submission and gauge the quality of your work, not to discuss the grading or question your mark.

❑ **Learning Mall**

Copies of lecture notes and other materials are available electronically through Learning Mall, the University's virtual learning environment.