

Fiche Module							
Domaine	Sciences et Technologies						
Mention	Informatique industrielle						
Licence	Automatique et informatique industrielle						
Type	Fondamentale <input checked="" type="checkbox"/> Appliquée <input checked="" type="checkbox"/>						
Parcours	Systèmes embarqués						
Unité d'Enseignement	Anglais						
Eléments Constitutifs	Anglais						
Niveau	L1 <input checked="" type="checkbox"/> L2 <input type="checkbox"/> L3 <input type="checkbox"/>						
Semestre	S1 <input type="checkbox"/> S2 <input checked="" type="checkbox"/>						
Volume horaire	C	21	TD	21	TP		CI
Enseignant(s)	Bezmaou Yasmine / Fattoumi Fatma						
Date de la dernière modification	16 Avril 2015						

I. LEARNING OBJECTIVES :

8	To discriminate between different types of floppy disks. To give instructions and advice on how to protect floppy disks.
9	To understand the technical features of hard disks. To be able to use technical vocabulary associated with hard drives.
10	To develop reading skills by recognizing the most relevant information. To acquire technical vocabulary associated with optical storage devices.
11	To understand how a computer display works To explain tables charts with technical specification about monitors To understand warnings and instructions for the use of the monitor.
12	To understand the most important technical features of printers To compare different types of printers To recognize reference signals and linking devices (discourse cohesion).
13	To understand what sort of input/output devices disabled people can use To talk and write about how computers can be adapted for blind and motor-impaired users.

II. COURSE PLAN :

Section 2 Input/output devices(partII)

Unit 8 : *Viewing the point*

Duration : 1h.30mm

Topic(s): The monitor / Health and safety with computers.

Language : Grammar: instructions and advice: imperatives, should, ought to / **Vocabulary:** pixel, resolution, hertz, flicker, phosphor, electron beam, refresh rate, bit-mapped display, ergonomics, extremely low frequency emissions, tilt-and-swivel. Abbreviations: VDU, CRT, LCD, dpi.

Skills: Listening/ Reading/ writing/ listening.

Optional materials: The reference manual of a monitor. Screen standards and regulations

Unit 9 : *Choosing a printer*

Duration : 1h.30mm

Topic(s) : Types of printers/ Advertisements for printers

Language: *Grammar:* Discourse cohesion: reference signals; linking devices. Revision of comparatives and superlatives/ *Vocabulary:* Types of printers dot-matrix, ink-jet, bubble-jet, laser, thermal, Photo setters, plotters .Other terms: output, resolution, scalable fonts, dot per inch. Abbreviation: cps, SCSI. **Skills :** Listening/ Reading/

Optional materials: Authentic advertisements from specialist (online) magazines.

Unit 10 : *I/O devices for the disabled*

Duration : 1h.30mm

Topic(s) : Adaptive technology for disabled people

Language: *Grammar:* Noun Phrases. Range of modifiers: adjectives, participles, 's genitive , nouns/ *Vocabulary:* Braille, speech synthesis system, magnification software, optical head pointer, voice recognition system, on-screen keyboard, adaptive switch, etc.

Skills : Speaking/ Reading/ Listening/ Writing

Optional materials: products designed for disabled computer users, visuals of them.

Section 3 *Storage devices*

Unit 11 : *Floppies*

Duration : 1h.30mm

Topic(s) : Floppy disks / Formatting: tracks and sectors

Language: *Grammar:* instructions and advice: imperatives, must/mustn't / *Vocabulary:* Floppy, track, sector, format, magnetic, read/write head, directory, DD, HD, etc. **Skills :** Listening/Reading/Speaking

Materials: Real 2.5'' and 3.5'' disks.

Unit 12 : *Hard drives*

Duration : 1h.30mm

Topic(s) : Hard disks/ Hard drive mechanisms

Language: *Vocabulary :* hard disk, drive , internal, external, removable, cartridge, access time, data transfer rate, access arms, fragmentation, etc.

Skills: Reading/listening/

Optional materials: Authentic magazine ads for hard disk

Unit 13 : *Optical breakthrough*

Duration : 1h 30mn

Topic : CD-ROMs, DVD and other forms of optical storage

Language: *Grammar:* Reference signals, connectors and modifiers /*Vocabulary:* optical disc, optical drive. Acronyms and abbreviations: laser, ms, CD-ROM, CD-R, CD-RW, DVD-ROM

Skills: Reading/Listening/Speaking

Optional materials: An audio CD. A CD-ROM disk. Illustrations of optical drives.

Travaux Dirigés

<p>Série I : Les structures conditionnelles et itératives</p> <p>Durée : 3h</p> <p>Exercice I.1 :</p> <p>Exercice I.2 :</p> <p>Exercice I.3 :</p> <p>Exercice I.4 :</p> <p>Exercice I.5 :</p>
<p>SérieII : Les tableaux et les pointeurs</p> <p>Durée :1h30mn</p> <p>Exercice II.1 :</p> <p>Exercice II.2 :</p> <p>Exercice II.3 :</p> <p>Exercice II.4 :</p> <p>Exercice II.5 :</p>
<p>SérieIII : Les sous-programmes et la récursivité</p> <p>Durée :1h30mn</p> <p>Exercice III.1 :</p> <p>Exercice III.2 :</p> <p>Exercice III.3 :</p> <p>Exercice III.4 :</p> <p>Exercice III.5 :</p>

III. RÉFÉRENCES BIBLIOGRAPHIQUES:

1	<p>Intitulé du livre : Infotech English for computer users</p> <ul style="list-style-type: none"> - Auteur : Santiago Remacha Esteras - Maison d'édition : Published by the syndicate of the University of Cambridge - Année d'édition : Second Edition 1999 - Code ISBN : 0 521 65720 2 Student's Book / 0 521 65719 9 Teacher's Book / 0 521 65718 0 Cassette / 0 521 65717 2 CD (audio). - Code Bibliothèque ISTIC :
2	<p>intitulé du livre : Oxford Practice Grammar</p> <ul style="list-style-type: none"> - Auteur : John Eastwood - Maison d'édition : Oxford university Press - Année d'édition : 2008 - Code ISBN : 9780194579803 - Code Bibliothèque ISTIC :
3	<p>Intitulé du livre :</p> <ul style="list-style-type: none"> - Auteur : - Maison d'édition : - Année d'édition : - Code ISBN : - Code Bibliothèque ISTIC :