

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 type="checkbox"/> L2 <input type="checkbox"/> L3 <input checked="" type="checkbox"/>						
Semestre	S1 <input checked="" type="checkbox"/> S2 <input 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 :

27	To talk about different data communication systems. To understand how electronic communications work. To acquire specific vocabulary related to telecommunications.
28	To understand basic ideas related to security and privacy on the net. To discuss controversial issues on the internet.
29	To understand the basic ideas of a computer network. To describe the components and functions of a computer network, in oral and written form.
30	To talk and write about new computer technologies. To discuss advantages and limitations of a pen-based interface and hand-held computers. To make predictions about the impact of computers on our lifestyle.

## II. COURSE PLAN :

### Section 7 Computers Tomorrow

#### Unit 27 : *Electronic Communications*

**Duration :** 1h.30mm

**Topic(s) :** Data communication system / Cybercafés.

**Language :** *Grammar:* Prefixes: tele-, auto-, trans-, inter- / *Vocabulary:* fax, bulletin, board system, modem, kilobits per second, teletext, commercial online service, download, sysop, cybercafé, etc.

**Skills:** Listening/ Reading / Speaking / writing.

**Optional material:** A fax machine, a modem, visuals of a cybercafé.

**Unit 28 : *Internet issues*****Duration : 1h.30mm****Topic(s):** Security and privacy on the Internet / Virus protection / Hackers / Dangers and benefits for children.**Language: Grammar:** Revision of the past simple tense / **Vocabulary:** use name, password, firewall, encryption, decryption, hacker, cookies, digital certificate and filtering program.**Skills :** Listening/ Reading/speaking**Unit 29 : *LANs and WANs*****Duration : 1h.30mm****Topic(s) :** Networks/ Worldwide communications**Language: Grammar:** Prepositional phrases of reference ( e.g. as for, with regard to, concerning)**Vocabulary:** network architecture, nodes, transceiver, gateway, token, protocol, fiber-optic cables, etc.*Acronyms:* LAN, WAN, ISDN, FDDI**Skills :** Speaking/ Reading/ Listening/ Writing**Optional materials:** Showing SS a real computer network.**Technical help:** Information about the most common configurations( Token Ring, Bus and Star)**Unit 30 : *New Technologies*****Duration : 1h.30mm****Topic(s) :** New products such as Smart Phones, Internet TV, Virtual reality systems, pen computers**Language: Grammar:** Making predictions: will/shall+ infinitive; will be + present participle; will have + past participle*Modal verbs expressing possibility:* may, might, could+ infinitive / *adverbs of probability***Vocabulary:** Word fields: Smart phones, Internet TV, virtual reality, video teleconferencing, pen computers, hand-held computers.**Skills :** Listening/ Reading/speaking/ writing**Travaux Dirigés****Série I : Les structures conditionnelles et itératives****Durée : 3h****Exercice I.1 :****Exercice I.2 :****Exercice I.3 :****Exercice I.4 :****Exercice I.5 :****Série II : Les tableaux et les pointeurs****Durée :1h30mn****Exercice II.1 :****Exercice II.2 :****Exercice II.3 :****Exercice II.4 :**

Exercice II.5 :

Série III : Les sous-programmes et la récursivité

Durée : 1h30mn

Exercice III.1 :

Exercice III.2 :

Exercice III.3 :

Exercice III.4 :

Exercice III.5 :

**Références bibliographiques:**

1	<p><b>intitulé du livre :</b> Infotech English for computer users</p> <ul style="list-style-type: none"><li>- Auteur : Santiago Remacha Esteras</li><li>- Maison d'édition : Published by the syndicate of the University of Cambridge</li><li>- Année d'édition : Second Edition 1999</li><li>- 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).</li><li>- Code Bibliothèque ISTIC :</li></ul>
2	<p><b>intitulé du livre :</b> Oxford Practice Grammar</p> <ul style="list-style-type: none"><li>- Auteur : John Eastwood</li><li>- Maison d'édition : Oxford university Press</li><li>- Année d'édition : 2008 - Code ISBN : 9780194579803 - Code Bibliothèque ISTIC :</li></ul>
3	<p><b>intitulé du livre :</b></p> <ul style="list-style-type: none"><li>- Auteur :</li><li>- Maison d'édition :</li><li>- Année d'édition :</li><li>- Code ISBN :</li><li>- Code Bibliothèque ISTIC :</li></ul>
4	<p><b>intitulé du livre :</b></p> <ul style="list-style-type: none"><li>- Auteur :</li><li>- Maison d'édition :</li><li>- Année d'édition :</li><li>- Code ISBN :</li><li>- Code Bibliothèque ISTIC :</li></ul>
5	<p><b>intitulé du livre :</b></p> <ul style="list-style-type: none"><li>- Auteur :</li><li>- Maison d'édition :</li><li>- Année d'édition :</li><li>- Code ISBN :</li><li>- Code Bibliothèque ISTIC :</li></ul>