

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 checked="" 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 :

20	To identify the function of different graphics tools and to interpret visual representation of them. To acquire basic related to graphics packages.
21	To understand the basic features and vocabulary related to desktop publishing. To write a letter to a newspaper asking for information about the hardware and software used in its production.
22	To understand the main components and applications of multimedia systems. To acquire the basic terminology relate to multimedia technology.
23	To understand basic concepts in programming and acquire vocabulary connected with it.
24	To ask and answer questions about computer languages. To understand short descriptions of specific languages. To recognize acronyms and abbreviations related to computer languages.
25	To learn basic vocabulary associated with the Postscript language. To be able to talk about personal experience of using computers.
26	To discuss personal qualities and professional skills needed for computing. To write a letter applying for a job.

II. COURSE PLAN :

Unit 23: *Program design*

Duration : 1h.30mm

Topic(s): Programming.

Language: Grammar: *Infinitive constructions /* **Vocabulary:** *algorithm, flowchart, coding, machine code, bug, debug, assembly languages, source program, object program, compiler, etc. Prefixes and Suffixes.*

Skills : Listening/Reading/Speaking

Unit 24 : *Languages*

Duration : 1h.30mm

Topic(s): Computer Language: Java, BASIC and C.

Language: Grammar: *The passive / Vocabulary:* BASIC, COBOL, LOGO, Java, applets, HTML.

Skills: Speaking /listening/ writing

Section 5 Creative software

Unit 20 : *Graphics and design*

Duration : 1h.30mm

Topic(s): 2-D and 3-D graphics / Tool palette / Transformations.

Language : Grammar: *Gerunds(-ing nouns)* **Vocabulary:** *tool palette, patterns, primitives, attribute, dithering, zoom, rotating, scaling, inverting, rendering, etc/ Acronyms: CAD, CAE,CAM*

Skills: Listening/ Reading / Speaking.

Optional material : A graphics program

Unit 21 : *Desktop publishing*

Duration : 1h.30mm

Topic(s) : The graphical user interface

Language: Grammar: *Word formation (affixation, conversion, compounding)/ Vocabulary:* *DTP package, page layout, image setter, service bureaux, font software designer, import, etc.*

Skills : Listening/ Reading/writing/ speaking

Optional material : *A page-layout program (PageMaker, QuarkXPress or Ventura publisher)*

Unit 22 : *Multimedia*

Duration : 1h.30mm

Topic (s) : Multimedia technology

Language: Grammar: *First and second conditional clauses/ Vocabulary:* *multimedia PC, build-in sound, stereo speaker, sound card, MIDI interface, animation, full-motion video, encyclopedia, Multimedia file formats on the web: .btm, .gif, .jpg, .wav, .ra, .avi, .mpg, .zip, etc.*

Skills : Speaking/ Reading/ Listening/ Writing

Section 6 Programming

Unit 25 : *The PostScript revolution*

Duration : 1h 30mn

Topic(s): The PostScript Language.

Language: Grammar: *The past simple: regular and irregular verbs / The different Pronunciations of the suffix –ed / Vocabulary:* *PostScript interpreter, subroutine, device-independent, encapsulated PostScript (EPS) format / Forming new words with script.*

Skills: Reading/Listening/Speaking / writing

Optional materials: A graphic program working in PostScript / Examples of output produced by a PostScript-based printer.

Technical help: (information about PostScript)

Unit 26 : *Jobs in computing***Duration : 1h 30mn****Topic(s):** Jobs such as programmers, DTP operators, computer operators.**Language: Grammar:** *The past simple and the present perfect + (for, since, ago)* / **Vocabulary:***Word field: personal qualities and professional skills (adjectives and nouns).**Jobs: programmer, DTP operator, computer operator, etc.* **Skills:**

Reading/Listening/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	intitulé du livre : Infotech English for computer users - 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	intitulé du livre : Oxford Practice Grammar - Auteur : John Eastwood - Maison d'édition : Oxford university Press - Année d'édition : 2008 - Code ISBN : 9780194579803 - Code Bibliothèque ISTIC :

3	intitulé du livre : <ul style="list-style-type: none"> - Auteur : - Maison d'édition : - Année d'édition : - Code ISBN : - Code Bibliothèque ISTIC :
4	intitulé du livre : <ul style="list-style-type: none"> - Auteur : - Maison d'édition : - Année d'édition : - Code ISBN : - Code Bibliothèque ISTIC :
5	intitulé du livre : <ul style="list-style-type: none"> - Auteur : - Maison d'édition : - Année d'édition : - Code ISBN : - Code Bibliothèque ISTIC :