

Vocational English Course Book







David Hill Series editor David Bonamy





English for Information Technology



Vocational English Course Book



David Hill Series editor David Bonamy

Contents

		Function	Language	Vocabulary		
Unit 1 Working in IT	IT jobs and duties p. 4	Describing IT-related jobs and duties	Expressing frequency: adverbs of frequency and time expressions	IT jobs and duties		
	IT organisations p. 6	Talking about what IT companies do	Present simple questions	IT businesses and products		
	IT workplace rules p. 8	Discussing IT workplace rules	Rules: modal verbs and the imperative	IT operations		
	Meetings p. 10	Making suggestions, agreeing and disagreeing	Modal verbs, how about/what about + -ing and maybe/perhaps for suggestions I'm afraid for disagreeing	Meetings		
	Business matters p. 1	n a la l				
Unit 2 IT systems	System specifications p. 12	Giving hardware specifications	Large and small numbers	Hardware		
	GUI operations p. 14	Giving instructions for using a GUI	Giving instructions: imperatives, softeners, sequencers	GUI components and operations		
	Multimedia hardware p. 16	Describing different types of multimedia	Sentences with two objects	Multimedia		
	Operating systems p. 18	Explaining OS installation	Expressing reason and purpose	OS installation		
	Business matters p. 19					
ation	Internet browsing p. 20	Describing browser problems	Present simple vs. present continuous Stative verbs	Internet Browsers Web pages		
nmuni	Networks p. 22	Defining networking concepts	Relative clauses	Networks		
Data communication	Mobile computing p. 24	Explaining advantages of mobile devices	Zero and first conditionals	Mobile computing		
Unit 3	Email p. 26	Specifying information about emails	Definite and indefinite articles	Email		
	Business matters p. 27					
Unit 4 Administration	Spreadsheets and formulae p. 28	Talking about past actions	Past simple	Spreadsheets and formulae		
	Databases p. 30	Describing how to use databases	By + -ing	Databases		
	Systems administration p. 32	Explaining sequences of systems administration tasks	While, before, after	Systems administration		
Unit	Peripherals p. 34	Explaining how problems occurred	Past continuous and past simple	Peripherals and tools		
	Business matters p. 35	Business matters p. 35				

		Function	Language	Vocabulary			
	Web hosting p. 36	Comparing products	Comparatives and superlatives	Website hosting			
Unit 5 Choice	IT costs p. 38	Discussing IT costs	Talking about money	Items and costs			
	Product research p. 40	Researching products	Asking polite questions: indirect questions	Pricing models and features			
	Making recommendations p. 42	Recommending products	Recommendations	CAD software			
	Business matters p. 43						
Unit 6 Interactions	Enterprise social media p. 44	Describing trends	Describing current changes	Enterprise social media			
	Video conferencing p. 46	Describing the benefits of video conferencing	Second conditional	Video conferencing			
	E-commerce p. 48	Giving meanings of e-commerce concepts	Giving the meaning of technical words	E-commerce			
	Training users p. 50	Processing requests for training	Making requests: indirect questions, can and could	Training			
	Business matters p. 5	Business matters p. 51					
Unit 7 Development	Requirements analysis p. 52	Describing software requirements	User requirements: should, have to, need to, want + object + infinitive	Systems analysis			
	Website design and architecture p. 54	Talking about website architecture	The passive	Websites			
	Software development p. 56	Describing programming steps	Make and cause	Software development Code			
	Project management p. 58	Discussing future plans and schedules	Schedules: plan to, be scheduled to, be due to; present continuous; modals	Testing			
	Business matters p. 59						
Unit 8 IT solutions	Investigations p. 60	Talking about what you have done to identify a problem	Present perfect vs. past simple	Computer problems			
	Diagnosis p. 62	Speculating about the causes of a fault	Modals of speculation and deduction	Words relating to IT help desk tickets			
	Solutions p. 64	Proposing solutions	Proposing possible solutions: should/ shouldn't, might; try + noun/-ing	Solutions			
	Your future in IT p. 66	Talking about your career in IT	Verbs to talk about career plans: plan/ intend/hope/expect + to infinitive	CV, interview			
	Business matters p. 67						

Partner files: Student B p. 69

Audio script p. 72

Working in IT

- describe IT-related jobs and duties
- talk about what IT companies do
- discuss IT workplace rules
- · make suggestions, agree and disagr

IT jobs and duties

Speaking

- 1 Work in pairs or small groups. Discuss these questions.
 - 1 How do you use IT? Think about work, study and fun.
 - 2 What devices do you use?
 - 3 What software do you use?

Listening

Listen to six people introducing themselves. What jobs do they do? Complete the sentences. Then compare answers with a partner.

database administrator helpdesk supervisor software developer support technician sy

project manager systems analyst



1 Maria is a _____



2 Ahmed is a _____



3 Freddy is a _____



4 Hana is a _____



5 Tim is a _____



6 Sophie is a _____

	3	Listen again. Complete these collocations write software 1 supervise 2 have 3 be responsible IT projects 4 look computers 5 install	6 diagnose 7 design 8 maintain	Alger and a
Pronunciation	4	Work in pairs or small groups. Underline in 3. Listen to track 02 again and check yo collocations with the correct stress.	the stressed s our answers.	yllables in the collocation: Then practise saying the
Vocabulary	5	Work in pairs. How many new collocation be responsible for a department	ns can you ma	ake with the verbs in 3?
Speaking	67	Work in pairs. What does each person in in 3. An IT project manager is responsible for I Work in small groups. List any other IT job	<i>T projects.</i> bs you can thi	nk of. What do people in
Listening	8	these jobs do? Which jobs would/wouldn Listen to an IT employee telling do you think his job is?	Edit in	THE PROPERTY IS
	9	Listen again. Tick ✓ the things that usually 1 ☐ Robert checks emails. 2 ☐ Robert has emails waiting for him. 3 ☐ Robert visits people at their desks. 4 ☐ Sales people have problems. 5 ☐ Robert attends meetings. 6 ☐ Robert visits other companies.		
	10	Listen again. Write these phrases in the conformation time to time generally har occasionally usually		n the sentences in 9.

Language

Adverbs of frequency (usually, sometimes, hardly ever, etc.) normally go before the main verb. Some adverbs (e.g. sometimes, occasionally, normally) can also go at the beginning or end of a sentence. Time expressions (once a week, from time to time, all the time, etc.) go at the beginning or end of the sentence. Zafia almost always checks her email first thing in the morning. I have to call a support technician occasionally. Pawel takes training courses two or three times a year.

Speaking 11 Work in pairs. Choose a job from 2. Then take turns to interview your partner about his/her job.

Tell me about your current job. What are your duties? How often do you ...?

IT organisations

Work in pairs. Choose a technology company and list activities the company carries out.

Vocabulary

Read the company profiles and find words that match these definitions.

- 1 a company or companies that sell things (Futachiba) ____
- companies that make things to sell (Futachiba)
- 3 factories (Futachiba).
- 4 things a company sells (Futachiba) _
- using software that runs and stores information on the internet (IBGroup)
- customers (IBGroup) -
- start selling a new product (Digital World) _

Futachiba

Futachiba is a leading international provider of computer hardware. The company is among the top five suppliers internationally of servers and among the top ten manufacturers of laptop computers. We have production facilities in six countries and we sell our products to almost every country in the world. With service centres in all our major markets, we provide a very high level of customer service.



IBGroup

We are a fast-growing private company that supplies cloud computing services internationally. Our products include online office applications such as word processing, spreadsheet, presentation and database programs, which people can use on the internet anywhere and at any time. Our clients include major corporations, as well as many small and medium-sized companies.





Digital World

At Digital World we proudly design the most popular games in the world! We are excited every day by the great feedback we get from our favourite people: our game-playing customers. You can play our award-winning games on all the major computer operating systems, including Windows and Mac OS. Many of them are also available for Apple iOS and Android. Our wonderful staff started developing games in 2005 and continue to work on new, highly entertaining products. We expect to launch the next version of our biggest game, War of the Suns, next month.

Reading

Read the company profiles in 2 again and answer these questions. Then compare answers with a partner.

Which company or companies:

- 1 is getting bigger?
- 2 develops software? __
- 3 makes things in more than one country? ___
- 4 has a new product to launch? _
- sells software for use on the internet? __

Work in pairs. Underline five types of software in the company profiles in 2. Then think of examples of each. What might people use them for? Speaking Work in small groups. Think of real IT organisations such as Apple and Google. Which would you prefer to work for? Why? Listening Work in pairs. Complete this conversation between two people from different IT companies using the words in brackets. Then listen and check your answers. A: So (1) (your company)? B: Well, we mostly develop apps for Apple and Android devices - iPhones, that kind of thing. A: And (2) customers)? B: Mm ... they could be anyone, really. For example, many are companies, wanting an app to show their products. We also do a lot of work for educational organisations. They often want apps to help people learn something. A: (3). (produce any hardware)? B: No, that's a very different field. All our products are software. But we do work closely with hardware manufacturers to make sure our software works well. A: And (4)_ (future plans)? B: Good question! We have a product launch tomorrow night. _ (want/come)? (5)What is a product launch? Why are product launches a good idea? Which Speaking

Language

To form present simple questions , we use do/does +	Does this software work on iPhones?		
subject + main verb.	How often do you update the software?		
If there is a question word in the question (who, what,			
when, how, etc.), it always comes at the beginning.			
when, now, etc.), it always comes at the beginning.			
For Yes/No questions (questions we can answer with	Do you work with small companies? (↗)		
'yes' or 'no'), we use rising (7) intonation.	Company of the compan		
	11-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1		
For questions that begin with a question word, we use	How do I use this software? (凶)		
falling (凶) intonation.			

companies hold big product launches? What kind of events do they hold?

- Pronunciation 8 Listen to track 04 again. Mark the intonation on the questions as rising (¬) or falling (μ). Then practise saying the questions with a partner.
 - **Writing** 9 You are preparing a magazine article about local IT companies. Write at least six questions for a questionnaire to find out what each company does.
 - Speaking 10 Think of answers to the questionnaire in 9 for a company you know or an imaginary company. Then work in pairs. Take turns to ask and answer the questions in your questionnaire. Repeat with a new partner.
 - 11 Work in groups. Choose a company from 2 each. Take turns to ask questions to find out which company each student in your group has chosen. Use appropriate intonation.

IT workplace rules

Speaking 1 Work in pairs or small groups. Look at these signs. What are the rules?







2 Do you have any of the rules in 1 in your workplace or college? Do you think they are good rules or bad rules? Why?

Vocabulary

3 Read the memo and find words that match these definitions. Then compare answers with a partner.

- 1 person in charge of IT _____
- 2 keeping something safe ______
- 3 information such as numbers and details about people _____
- 4 a secret word that you type into a computer before you can use it _____
- 5 a group of connected computers __
- 6 having only letters and numbers _____
- 7 letters, numbers, punctuation marks, etc. _____
- 8 people you work with _____

FROM: Chief Information Officer

TO: All staff
DATE: 16 June

SUBJECT: IT security

XBM Digital

As you know, many new staff have joined us at XBM Digital recently, so now is a good time for a reminder about some of our rules. Security is important, and these rules will help us to keep our IT systems and data secure.

Firstly, passwords are important for keeping the network secure. Don't use common words or numbers as passwords, such as birthdays or names of your children. Passwords must be alphanumeric and be at least eight characters long. You need to change your password every month or more frequently. Also, you should not share it with anyone, including your colleagues.

Language 4 Read the memo in 3 again and underline the words used to express rules.

We use must, mustn't and have to to show strong obligation and to express rules. We can also use should, shouldn't, can't and need to to talk about rules. We also use imperatives to give rules. Use them carefully because they can sound impolite. Passwords must be at least eight characters long. I have to go to the canteen to eat! I can't even have an apple at my desk! Keep your password secret. Don't share your password with other people.

Speaking 5 Work in pairs or small groups. Write workplace rules for some of these activities. Then compare answers with another pair or group. What reasons can you think of for each rule?

- · installing new software
- · connecting personal devices to company computers
- · playing computer games
- · using social networking sites such as Facebook
- · using mobile phones
- · switching off your computer at night
- · downloading files
- · streaming music or video

Listening

6 Listen to two people talking about workplace rules and complete this table. Then compare answers with a partner.

	Lateefa	Ivan	
1	Ask a technician to install software.	*	
/	•	•	
V	•		
^	•		

7 How does Lateefa feel about the rules in her workplace? How can you tell? Do you think she likes her manager? Why/Why not?



Speaking 8 Work in pairs. Student A, look at the information on this page. Student B, look at the information on page 69. Follow the instructions.

Student A

- 1 Student B is a new employee in your company. Explain these IT workplace rules to him/her.
 - use company equipment for personal reasons X
 - install software X
 - change password frequently ✓
 - use Facebook X
- 2 Swap roles. You are a new employee. Listen to Student B explain some IT workplace rules.
- Work in small groups. Write a list of the technology-related rules in your workplace or place of study. Then compare your list with another group. Which rules would you like to change? Why?
- Writing 10 Imagine you are a computer room technician in a college. Write a list of rules for the wall of your computer room.