

## Glossary

### MODULE 1

**access** /'ækses/ (verb) to find information, especially on a computer **access (noun)** – **accessible (adjective)** يجد معلومات

**blog** /blɒg/ (noun) a regularly updated personal website or web page, usually written in an informal style **blog (verb)** مدونة

**calculation** /kælkju:'leɪʃən/ (noun) a way of using numbers in order to find out an amount, price or value **calculate (verb)** حساب

**computer chip** /kəm'pjʊ:tə tʃɪp/ (noun) a small piece inside a computer which stores information via an electric current رقاقة كمبيوتر

**email exchange** /'i:meɪl ɪks'tʃeɪndʒ/ (noun) a series of emails between two or more people, each email generally a reply to the previous one **email (verb)** تبادل الايميل

**filter** /'fɪltə/ (noun) a program that checks whether certain content on a web page should be displayed to the viewer **filter (verb)** تصفية

**floppy disk** /'flɒpi disk/ (noun) a flexible, removable magnetic disk that stores computer information قرص مرن

**ICT** /'aɪ si: 'ti:/ (n.abbrev.) Information and Communication Technology تكنولوجيا المعلومات

**identity fraud** /aɪ'dentɪti: frɔ:d/ (noun) illegal actions using the identity of someone else, normally to buy things

**PC** /'pi: 'si:/ (noun) an abbreviation for **personal computer**, a computer that is used by one person at a time كمبيوتر شخصي

**post** /pəʊst/ (verb) to put a message or document on the Internet so that other people can see it **post (noun)** ينشر

**privacy settings** /'praɪvəsi 'setɪŋz/ (noun) controls available on social networking sites which let you decide who can see what information اعدادات الخصوصية

**program** /'prəʊgræm/ (noun) a set of instructions enabling a computer to function; برنامج كمبيوتر

**programme** (noun) content which is intended to be listened to on radio or watched on television برنامج تلفزيوني او اذاعي

**rely on** /rɪ'laɪ ,ɒn/ (phrasal verb) to have trust or confidence in something or someone **reliable (adjective)** يعتمد على

**sat nav system** /sæt nəv 'sɪstəm/ (noun) **satellite navigation system** a system of computers and satellites, used in cars and other places that tells you where something is, where you are or how to get to a place نظام الملاحة عبر الاقمار الاصطناعية

**security settings** /sə'kjʊ:rtɪ 'setɪŋz/ (noun) controls available on computer programs which let you protect your computer from viruses اعدادات الحماية

**smartphone** /smɑ:t'fəʊn/ (noun) a mobile phone with advanced computing technology هاتف ذكي

**social media** /'səʊʃəl 'mi:diə/ (noun) social interaction between people and communities on websites or blogs وسائل التواصل الاجتماعي

**tablet computer** /'tæblɪt kəm'pjʊ:tə/ (noun) a mobile computer, with a touch screen, processor and battery all in one unit كمبيوتر كفي

**user** /'ju:zə/ (noun) a person who uses a product or service, especially a computer or another machine مستخدم

**web-building program** /web 'bɪldɪŋ 'prəʊgræm/ (noun) a software that helps you to create a website برنامج بناء المواقع

**web hosting** /web 'həʊstɪŋ/ (noun) the business of housing, serving and maintaining files for one or more websites استضافة المواقع

**whiteboard** /'waɪtbɔ:d/ (noun) a touchscreen computer program that enables you to draw sketches, write and present ideas and talks to colleagues or students لوح ذكي

**World Wide Web** /wɜ:ld waɪd web/ (noun) an information system, known as the Internet, which allows documents to be connected to other documents, and for people to search for information by moving from one document to another شبكة الانترنت العالمية

### MODULE 2

**acupuncture** /'ækju:pʌŋktʃə/ (noun) a system of complementary medicine in which fine needles are inserted in the skin at specific points وخز بالابر

**ailment** /'eɪlmənt/ (noun) illness مرض

**allergy** /'ælədʒi/ (noun) a reaction of the immune system when it is sensitive to something; this reaction comes in the form of sneezing, itchy eyes or a skin rash **allergic (adjective)** حساسية

**antibody** /'æntɪ'bɒdi/ (noun) a substance produced by the body to fight disease اجسام مضادة

**apparatus** /'æpə'reɪtəs/ (noun) the technical equipment or machinery needed for a particular purpose اجهزة

**appendage** /ə'pendɪdʒ/ (noun) a body part, such as an arm or a leg, connected to the main trunk of the body **append (verb)** عضو او لاحق

**arthritis** /ɑ:'θraɪtɪs/ (noun) a disease causing painful inflammation and stiffness of the joints **arthritic (adjective)** التهاب مفاصل

**artificial** /ɑ:'tɪfɪʃəl/ (adjective) made or produced by human beings rather than occurring naturally **artifice (noun)** – **artificially (adverb)** اصطناعي

**bionic** /bair'ɒnɪk/ (*adjective*) describing a limb or body part that is electronically or mechanically powered طرف الكتروني

**bounce back** /baʊns bæk/ (*phrasal verb*) to start to be successful again after a difficult time يرتد

**cancerous** /'kænsərəs/ (*adjective*) something that has or can cause cancer, a very serious disease in which cells in the body begin to grow abnormally **cancer (noun)** سرطاني

**career** /kə'riə/ (*noun*) a job undertaken for a significant period of a person's life and with opportunities for progress مهنة

**coma** /'kəʊmə/ (*noun*) a state of غيبوبة unconsciousness caused by a certain injury and that lasts for an extended period of time

**commitment** /kə'mɪtmənt/ (*noun*) a promise to do something or to behave in a particular way **commit (verb) – committed (adjective)** التزام

**complementary medicine** /,kɒmplə'mentri 'mɛdʒən/ (*noun*) medical treatment which provides an alternative to scientific medical practices **complement (verb)** علاج بديل

**conventional** /kən'venʃənəl/ (*adjective*) having been used for a long time and is considered usual **convention (noun) – conventionally (adverb)** تقليدي

**cope with** /kəʊp wɪð/ (*phrasal verb*) to deal successfully with, or handle, a situation يتأقلم

**cross** /krɒs/ (*adjective*) angry or annoyed غاضب

**decline** /drɪklaɪn/ (*verb*) to decrease in quantity or importance **decline (noun)** ينخفض

**dementia** /drɪ'menʃə/ (*noun*) a mental illness the symptoms of which are problems with memory, personality changes and problems with reasoning خرف

**drug** /drʌg/ (*noun*) a medicine or a substance used for making medicines دواء

**expansion** /ɪk'spænjən/ (*noun*) the act of making something bigger **expand (verb)** توسع

**feel blue** /fi:l blu:/ (*verb phrase*) [*idiom*] to feel sad يشعر بالحزن

**focus on** /'fəʊkəs ɒn/ (*phrasal verb*) to direct your attention or effort at something specific **focus (noun) – focused (adjective)** يركز على

**have the green light** /hæv ðə gri:n laɪt/ (*verb phrase*) [*idiom*] to have or give permission to go ahead with something or for something to happen موافقة

**healthcare** /'heɪlθkeə/ (*noun*) the prevention or treatment of illness by doctors, dentists, psychologists, etc. رعاية صحية

**herbal remedy** /'hɜ:bəl 'remədi:/ (*noun*) an extract or mixture of a plant used to prevent, alleviate, or cure disease **remedy (verb) – remedial (adjective)** علاج بالاعشاب

**homoeopathy** /həʊmi'ɒpəθi/ (*noun*) a system of complementary medicine in which illnesses are treated by minute doses of herbs and other natural substances العلاج المثلي

**immunisation** /ɪ'mju:nar'zeɪʃən/ (*noun*) the process by which an individual's immune system becomes protected against an illness **immunise (verb) – immune (adjective)** تطعيم

**implant** /'ɪmplɑ:nt/ (*noun*) a piece of tissue, prosthetic device, or other object implanted in the body **implant (verb)** زراعة

**life expectancy** /laɪf ɪkspektənsi/ (*noun*) the length of time that a person or animal is expected to live **expect (verb) – expectation (noun)** العمر المتوقع

**limb** /lɪm/ (*noun*) arm or leg of a person طرف

**malaria** /mə'leəriə/ (*noun*) a dangerous disease transmitted by mosquitoes

**medical trial** /'medɪkəl 'traɪəl/ (*noun*) trial to evaluate the effectiveness and safety of medications **trial (verb)** تجارب دوائية

**migraine** /'maɪgreɪn/ (*noun*) a very bad headache which often comes with a feeling of sickness and problems with vision صداع شديد

**mortality** /,mɔ:ʔtæləti/ (*noun*) death, especially on a large scale (e.g. infant mortality); the rate of deaths that occur (mortality rate) **mortal (noun and adjective) – mortally (adverb)** الموت

**MRI** /,em ɑ:r 'aɪ/ (*noun*) (Magnetic Resonance Imaging) a scan that uses strong magnetic fields to make a picture of the inside of someone's body for medical reasons العلاج بالرنين المغناطيسي

**obese** /əʊ'bi:s/ (*adjective*) extremely fat, in a way that is dangerous to your health **obesity (noun)** سمنة

**optimistic** /,ɒptə'mɪstɪk/ (*adjective*) believing that good things will happen in the future **optimism, optimist (noun)** متفائل

**option** /'ɒpʃən/ (*noun*) something that is or may be chosen **optional (adjective)** خيار

**out of the blue** /aʊt əv ðə blu:/ (*adjective*) [*idiom*] apparently from nowhere; unexpectedly فجأة

**outpatient** /'aʊtpeɪjənt/ (*noun*) someone who goes to a hospital for treatment but does not stay for the night مريض غير مقيم

**paediatric** /,pi:di'ætrɪk/ (*adjective*) describing the area of medicine that deals with children and their illnesses **paediatrics, paediatrician (noun)** اطفال

**pill** /pɪl/ (*noun*) a small round piece of medicine to be swallowed whole حبة دواء

**practitioner** /præk'tɪʃənəl/ (*noun*) someone who is qualified or registered to practise a particular occupation or profession **practise (verb) – practical (adjective) – practically (adverb)** مداوي

**prosthetic** /prəs'thetɪk/ (*noun*) an artificial body part; ~ (*adjective*) **limb** describing an artificial body part **prosthetics (noun)** اصطناعي

**publicise** /'pʌblɪsaɪz/ (*verb*) to give information about something to the public, so that they know about it **publicity (noun)** ينشر

**radiotherapy** /ˌreɪdɪəʊˈθerəpi/ (noun) <sup>علاج الإشعاع</sup> the use of controlled amounts of radiation (a form of energy) to treat disease, especially cancer

**raise** /reɪz/ (verb) ~ **a question** to bring up a problem or cast doubt on something <sup>يرفع</sup>

**red-handed** /ˌred'hændɪd/ (adjective) [idiom] in the act of doing something wrong <sup>متلبس</sup>

**reputation** /ˌrepjʊ'teɪʃən/ (noun) the common opinion that people have about someone or something **repute** (verb) <sup>سمعة</sup>

**scanner** /'skænə/ (noun) a medical instrument that uses radiography to produce images of the insides of the human body **scan** (verb) <sup>ماسح</sup>

**sceptical** /'skeptɪkəl/ (adjective) having doubts; not easily convinced **sceptic**, **scepticism** (noun) <sup>متشكك</sup>

**see red** /si: red/ (verb phrase) [idiom] to be angry <sup>يغضب</sup>

**setback** /setbæk/ (noun) a problem that delays or stops progress, or makes a situation worse

**side effect** /saɪd ɪ'fekt/ (noun) effects of <sup>يعيق</sup> medicine on your body in addition to curing pain or illness <sup>اثر جانبي</sup>

**sponsor** /'spɒnsə/ (verb) to financially support a person or an event **sponsor** (noun) – **sponsored** (adjective) <sup>يمول</sup>

**strenuous** /strenjʊəs/ (adjective) using or needing a lot of effort <sup>مرهق</sup>

**stroke** /strʊk/ (noun) an illness when a blood tube in your brain bursts or is blocked, resulting in the brain being unable to function normally <sup>سكتة دماغية</sup>

**symptom** /'sɪmptəm/ (noun) a physical problem that might indicate a disease <sup>اعراض</sup>

**viable** /'vaɪəbəl/ (adjective) effective and able to be successful **viability** (noun) <sup>ناجح</sup>

**ward** /wɔ:d/ (noun) a room in a hospital, especially for patients needing similar kinds of care **ward** (verb) <sup>قسم</sup>

**white elephant** /waɪt 'eləfənt/ (noun phrase) [idiom] something that has cost a lot of money but has no useful purpose <sup>بدون فائدة</sup>

### MODULE 3

**algebra** /'ældʒɪbrə/ (noun) a type of mathematics system where letters and symbols are used to represent numbers **algebraic** (adjective) <sup>علم الجبر</sup>

**arithmetic** /ə'riθmə'tɪk/ (noun) the branch of mathematics concerned with numerical calculations such as addition, subtraction, multiplication and division <sup>علم الحساب</sup>

**artificially-created** /ɑ:trɪfɪ'ʃəli kri:'eɪtəd/ (adjective) not real or not made of natural things but made to be like something that is real or natural **create** (verb) – **creation** (noun) <sup>اصطناعي</sup>

**brehtaking** /'breθ,tɛɪkɪŋ/ (adjective) wonderful, awe-inspiring <sup>يخطف الانفاس</sup>

**camera obscura** /'kæmrə ɒb'skjʊərə/ (noun) Latin for 'dark room'; an optical device that led to photography and the invention of the camera <sup>الغرفة المعتمنة</sup>

**carbon-neutral** /'kɑ:bən 'nju:trəl/ (adjective) not affecting the total amount of carbon dioxide in Earth's atmosphere **neutralise** (verb) – **neutrality** (noun) <sup>محايد للكربون</sup>

**ceramics** /sə'remɪks/ (noun) the art of producing something made from clay or porcelain, or the clay or porcelain items themselves **ceramic** (adjective) <sup>سيراميك</sup>

**composition** /kəm'pəzɪʃən/ (noun) [of music] a piece of music that someone has written **compose** (verb) <sup>تأليف</sup>

**conservatory** /kən'sɜ:vətɪ/ (noun) (American usage for British **conservatoire**) a school where people are trained in music or acting <sup>معهد موسيقي</sup>

**craftsman** /'krɑ:fts,mən/ (noun) someone who is very skilled at a particular craft, a job or an activity that requires skills and in which they make things with their hands <sup>حرفي</sup>

**criticise** /'krɪtɪsaɪz/ (verb) to judge (something) with disapproval; to evaluate or analyse (something) **critic**, **criticism** (noun) – **critical** (adjective) <sup>ينتقد</sup>

**demonstration** /ˌdemən'streɪʃən/ (noun) an act of explaining and showing how to do something, or how something works **demonstrate** (verb) <sup>شرح</sup>

**desalination** /di:sælɪ'neɪʃən/ (noun) the process of removing salt from sea water so that it can be used **desalinate** (verb) <sup>تحلية الماء</sup>

**fountain pen** /'faʊntɪn pen/ (noun) a pen which needs ink cartridge refills and the nib of which takes ink from these cartridges to write <sup>قلم حبر</sup>

**furnishings** /'fɜ:nɪʃɪŋz/ (plural noun) the furniture and other things, such as curtains, in a room **furnish** (verb) <sup>مفروشات</sup>

**geometry** /dʒɪ'ɒmətri/ (noun) the branch of mathematics concerned with the properties, relationships and measurement of points, lines, curves and surfaces **geometric** (adjective) – **geometrically** (adverb) <sup>علم الهندسة</sup>

**glassblowing** /glɑ:sbləʊɪŋ/ (noun) the art of shaping a piece of hot, melted glass by blowing air into it through a tube **blow** (verb) <sup>نفخ الزجاج</sup>

**grid** /grɪd/ (noun) [**energy grid**] a system of wires through which electricity is connected to different power stations across a region <sup>شبكة</sup>

**ground-breaking** /graʊnd'breɪkɪŋ/ (adjective) new, innovative **break** (verb) <sup>افاق</sup>

**hanging** /'hæŋɪŋ/ (noun) a large piece of cloth that is hung on a wall as a decoration **hang** (verb) <sup>تعليقات</sup>

**inheritance** /ɪn'herɪtəns/ (noun) money or things that you get from someone after they die **inherit** (verb) <sup>ارث</sup>

**inoculation** /ɪˌnɒkjəˈleɪʃən/ (noun) an injection you can have to protect you from a disease  
**inoculate (verb) – inoculable (adjective)** تطعيم

**installation** /ɪˌnstəˈleɪʃən/ (noun) an art exhibit often involving video or moving parts  
**install (verb)** تركيب

**irrigate** /ɪˌrɪˈɡeɪt/ (verb) to supply land with water so that crops and plants will grow  
**irrigation (noun)** يزرع

**lifelike** /ˈlaɪflaɪk/ (adjective) very similar to the person or thing represented نابض بالحياة

**mathematician** /ˌmæθməˈtɪʃən/ (noun) a person who studies Mathematics to a very complex level  
**mathematics (noun) – mathematical (adjective)** عالم رياضيات

**megaproject** /megəˈprɒdʒekt/ (noun) a very large, expensive, ambitious business project

**minaret** /ˌmɪnəˈret/ (noun) the tall, thin tower of a mosque from which Muslims are called to prayer مشاريع ضخمة

**musical harmony** /ˈmjuːzɪkəl ˈhɑːməni/ (noun) a pleasant sound in music, made by playing or singing a group of different notes together  
**harmonious (adjective) – harmonise (verb)** تناغم

**outweigh** /aʊtˈweɪ/ (verb) to be more important than something else يتخطى

**pedestrian** /pəˈdestrɪən/ (noun) someone who is walking, especially along a street or another place that is used by cars  
**pedestrian (adjective)** مشاة

**performing arts** /pəˈfɔːmɪŋ ɑːts/ (noun) a type of art that can combine acting, dance, painting and film to express an idea فنون ادائية

**philosopher** /fəˈlɒsəfə/ (noun) someone who studies and writes philosophy professionally, or an undergraduate student of Philosophy  
**philosophise (verb) – philosophical (adjective)** فيلسوف

**physician** /fɪˈzɪʃən/ (noun) someone qualified to practise medicine, especially one who specialises in diagnosis and treatment طبيب

**polymath** /ˈpɒlɪˌmæθ/ (noun) someone who has a lot of knowledge about many different subjects نابغة

**qualify** /ˈkwɒlɪfaɪ/ (verb) to be entitled to a particular benefit or privilege by fulfilling a necessary condition  
**qualification (noun)** يؤهل

**restore** /rɪˈstɔː/ (verb) to repair or renovate a building, work of art, etc., so as to bring it back to its original condition  
**restoration (noun)** يرمم

**revolutionise** /ˌrevəˈluːʃənəɪz/ (verb) to completely change the way people do something or think about something  
**revolution (noun) – revolutionary (adjective)** يعمل ثورة

**sand artist** /sænd ˈɑːtɪst/ (noun) someone who models sand into an artistic form  
**sand art (noun)** فنان رمال

**showcase** /ˈʃəʊkeɪs/ (verb) to exhibit or display  
**showcase (noun)** يعرض

**sustainability** /səˌsteɪnəˈbɪləti/ (noun) the state of being able to continue forever, or for a very long time; for example, the sustainability of the environment involves emitting less pollution and using less water  
**sustain (verb) – sustainable (adjective)** استدامة

**textiles** /ˈtekstaɪlz/ (plural noun) types of cloth or woven fabric منسوجات

**translation** /trænzˈleɪʃən/ (noun) the process of converting documents from one language to another  
**translate (verb) – translator (noun)** ترجمة

**underline** /ˌʌndəˈlaɪn/ (verb) to emphasise, to highlight تؤكد

**vary** /ˈveəri/ (verb) to differ according to the situation  
**variation (noun) – variable (adjective)** يتفاوت

**visual arts** /ˈvɪʒuəl ɑːts/ (noun) art such as painting or sculpture that you look at, as opposed to literature or music فنون بصرية

**windmill** /ˈwɪnˌmɪl/ (noun) a building that uses its sails and wind power to grind corn into flour طواحين الهواء

**zero-waste** /ˈzɪərəʊ weɪst/ (adjective) producing no waste, or having parts that can be reused خالي من النفايات

