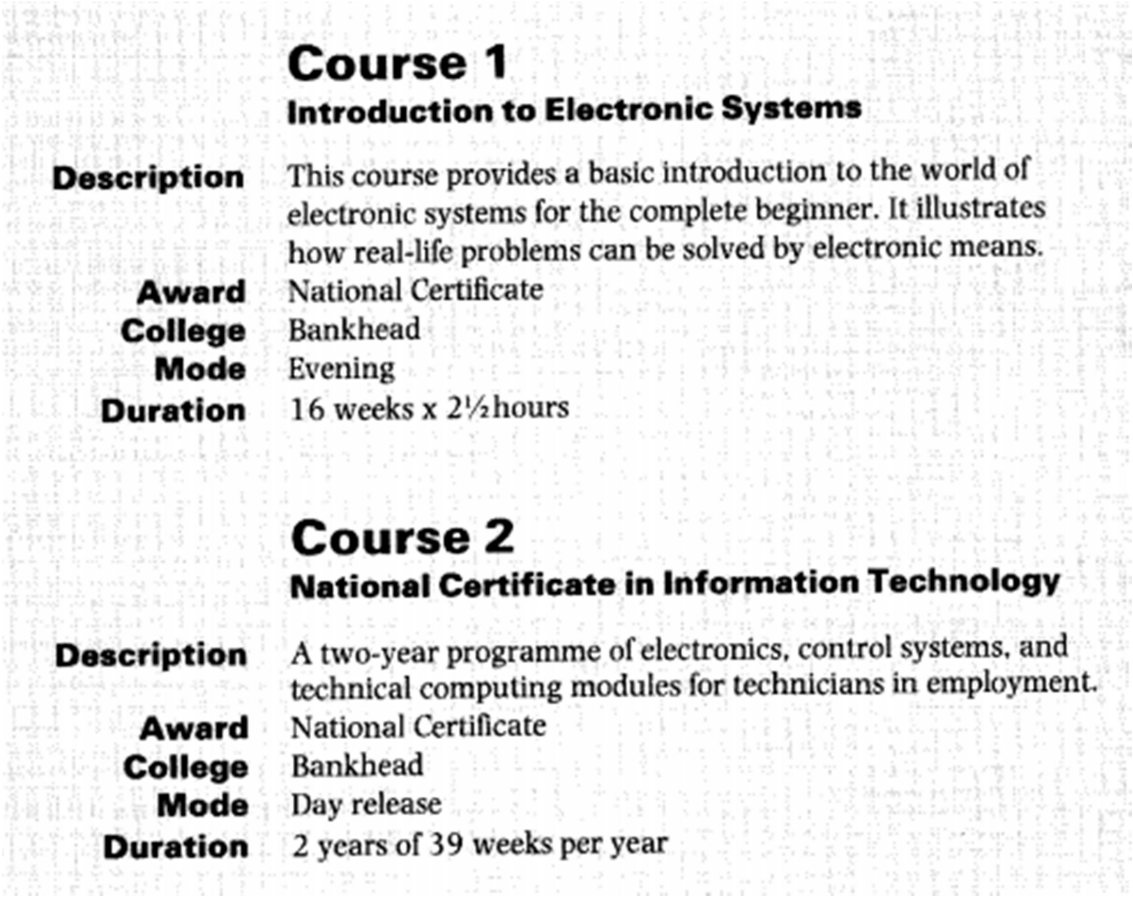
Hồ Văn Nhật

19T1051013

HOMEWORK

<u>Exercise 1.</u> Study this information about two courses in electronics. Find three similarities and three differences between these courses.



Course 1

Introduction to Electronic Systems

Description	This course provides a basic introduction to the world of electronic systems for the complete beginner. It illustrates how real-life problems can be solved by electronic means.
Award	National Certificate
College	Bankhead
Mode	Evening
Duration	16 weeks x 2½ hours

Course 2

National Certificate in Information Technology

Description	A two-year programme of electronics, control systems, and technical computing modules for technicians in employment.
Award	National Certificate
College	Bankhead
Mode	Day release
Duration	2 years of 39 weeks per year

We can describe similarities like this:

1. **Both** courses are Nationally Certified
2. **Like** Course 2, Course 1 provided by Bankhead College.
3. Course 1 **is similar to** Course 1 in that it provided by Bankhead College.

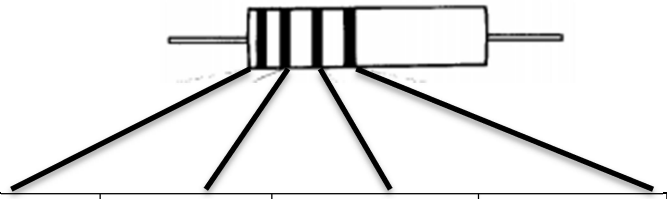
We can describe differences like this:

4. Course 1 is much shorter **than** Course 2.
5. Course 1 is an evening **but** Course 2 is day release course.
6. Course 2 is for techniscians **whereas** Course 1 is for complete beginners.

Exercise 2. Writing Timetable

	Monday	**Tuesday**	**Wednesday**	**Thursday**	**Friday**
7.00 – 8.50	specialized math	Electronic measurement	Have breakfast	electromagn etic fields	Have breakfast
9.00 – 10.50	electronic practice	Listen to music	Microprocessor architecture	Listen to music	Play football
13.00 – 14.50	Play football	English for electronic and telecommunication	English for electronic and telecommunication	electronic practice	English for electronic and telecommunication
15.00 – 16.50	electromagnetic fields			home	

Exercise 3. Find the values and tolerances of resistors banded as follows. Then compare your answers with your partner.



	Clor 1	Clor 2	Clor 3	Clor 4	Value
1	Red	Violet	Orange	Silver	$27.10^3 \div 10\%(\Omega)$
2	Blue	Grey	Brown	Gold	$680 \div 5\%(\Omega)$
3	Green	Blue	Red	Silver	$56.10^2 \div 10\%(\Omega)$
4	Red	Red	Green	------	$22.10^5 \div 20\%(\Omega)$
5	Brown	Black	Orange	------	$10.10^3 \div 20\%(\Omega)$
6	Orange	Orange	Brown	Gold	$330 \div 5\%(\Omega)$
7	Yellow	Orange	Red	Gold	$43.10^2 \div 5\%(\Omega)$
8	Brown	Green	Green	------	$15.10^5 \div 20\%(\Omega)$
9	Violet	Green	Brown	Red	$750 \div 2\%(\Omega)$

10	White	Brown	Red	Red	$91.10^2 \div 2\%(\Omega)$