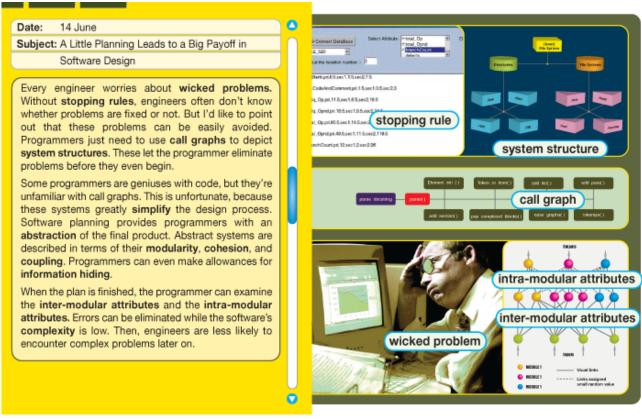
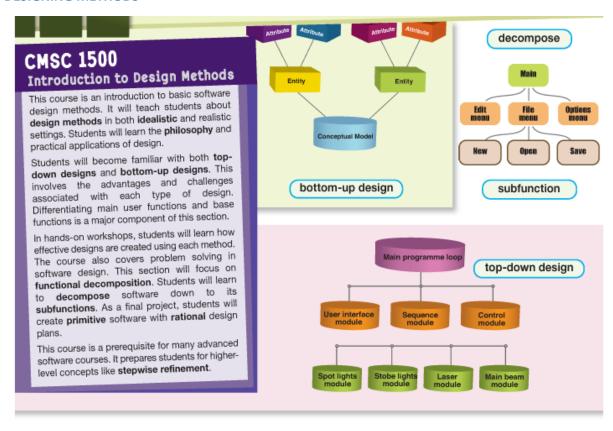
DESIGNING PROBLEMS:



	wicked problem information hiding call graph simplify stopping rule
l A(n)	can have multiple causes and may be difficult to solve.
2 A(n)	shows the basic structure of how a system will work.
Modules conceal info	rmation from each other in a process called
4 A problem without a(may be difficult or impossible to solve.
5 Use of systems and pr	cocedures can complicated processes.
A)	describes the strength of connections between modules. is the connection between modules in a system.
B)	is the connection between modules in a system.
N	butes / intra-modular attributes
	ndividual modules are .
B)	describe the characteristics of an entire system.
3 system structure / a	bstraction
A) A(n)	is the network of connections between modules.
B) A(n)	ignores details.

DESIGNING METHODS



person ignores possible problems that may arise.

, it is very simple.

1	ton_dow	n desion	/ bottom-up	design
1	top-dow	u ucsign	/ DULLUM-up	, acsign

A) A	begins with the main user functions.
B) A	begins with the most primitive functions.
2 primitive / idealistic	

3 philosophy / subfunction

B) If a software is

A) A(n)

A) A is combined with others to make a function.

B) provides a means of viewing the world.

3 Choose the sentence that uses the underlined part correctly.

- A) Engineers use a design method when designing new software systems.
 B) To decompose software is to make it more complicated.
 A) Functional decomposition can be used to reveal and eliminate problems in software.
 B) Stepwise refinement is a method of creating a plan for new types of software.
- 3 A) Engineers can use a process called <u>stepwise refinement</u> to solve problems in existing software.
 - \bigcirc B) In an ideal world, software designs will never follow a <u>rational</u> procedure.
- 4 O A) A <u>subfunction</u> is a higher-order function.
 - O B) When an engineer decomposes a function, he or she is left with smaller subfunctions.
- 5 O A) It is important that engineers follow a <u>rational</u> procedure.
 - O B) A philosophy is primarily concerned with the real-world application of ideas.