

Name _____

Section _____

www.asee.org/ (American Society for Engineering Education)

An EFL lesson based on the authentic web site

Semester 2 Reading and writing

3 class periods

© 2003 by Scott South (The Petroleum Institute)

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The latest version of this lesson, and similar lessons by Scott South, are at iteslj.org/t/ws/

This is an ESP lesson for Engineering students. Tasks include a variety of reading and information-retrieval elements, some in an IELTS type of format.

Engineering: Your Future

Welcome to the World of Engineering

Questions about Engineering

Announcement & Competitions

Famous Engineers

1. Choose the correct link on the home page of www.asee.org to find out the name of the elderly man in the picture. (He is in black and white, just below the “ing” in “Engineering.”) Write his name here: _____
2. Find the right link to complete this sentence: “There are more than _____ TAC/ABET-accredited baccalaureate [bachelor degree] programs in more than 90 disciplines in about _____ colleges and universities.
3. In the description of university degree programs in engineering, the web site says that these programs all have about the same level of difficulty. **T F**
4. From the information about colleges and universities, what do you think is a “student body”? Circle the correct answer.
 - (a) A student’s learner profile
 - (b) The student population of a college/university
 - (c) A student’s personal development profile
 - (d) A student organization, such as student council
 - (e) A student’s physical education profile

5. Click on ASSESS YOURSELF and answer all questions. There are two sets of questions; the second set is an engineering aptitude quiz. The answers are provided at the bottom of the web page.
6. Match the following quotes with the correct link from the home page. The first one has been done for you.

Quote	Link
Careers in engineering span the alphabet.	Engineering disciplines
Engineering offers a rewarding and lucrative career.	
High school students interested in engineering can get hands-on experience...	
A solid engineering school emphasizes good teaching, is known for its accomplished faculty...	
Where can I get a copy of the "ASEE Engineering: Your Future" brochure?	
The story of civilization is, in a sense, the story of engineering—that long and arduous struggle...	
This site is a guide for high school students and others interested in engineering...	
Many fascinating people have been engineers or have an engineering background.	
In addition, good engineering programs are ABET-accredited, meaning they meet the minimum...	
The engineer is the key figure in the material progress of the world.	
A scientist can discover a new star but he cannot make one. He would have to ask an engineer to do it for him.	

7. Now let's visit a news magazine that is well-known for its rankings of U.S. universities. (a) Go to <http://www.usnews.com/usnews/edu/eduhome.htm> (b) Click on Rankings and Guides (c) Click on American's Best colleges 2003 (d) Next, click on Best Undergraduate Engineering Programs (e) Finally, click on Petroleum at the bottom. What are the top five petroleum engineering schools?

8. Now we are going to open the following two links ONLY:

**Questions
about
Engineering** **Finding and
Affording
the Right
School**
 and

You will see lots of new links after you open the two above links from the home page. Some of them are listed below, while others don't exist. You will have to look at all the links carefully to mark the correct ones with a . One of them has been done for you.

Type of school

Special promises

Government aid

How can I see if engineering is the right career choice?

What is the difference between engineering and engineering technology?

Who are the different engineering professors?

When must I say "I do declare, I will major in engineering"?

Academic atmosphere

Internships and summer programs

What is the difference between petroleum engineering and metallurgy?

Graduation school

How open is engineering to women?

School sizzle

What are the different engineering technology disciplines?

Campus facilities

Special promises

Government aid

How can I see if engineering is the right career choice?

Answer key

1. Thomas Edison
2. 300/100
3. F. Says that while all programs are rigorous, some are more difficult than others.
4. (b) student population
5. (self-assessed)
- 6.

Quote	Link
Careers in engineering span the alphabet.	Engineering disciplines
Engineering offers a rewarding and lucrative career.	Benefits of being an engineer
High school students interested in engineering can get hands-on experience...	Announcements & Competitions
A solid engineering school emphasizes good teaching, is known for its accomplished faculty...	Finding and Affording the Right School
Where can I get a copy of the "ASEE Engineering: Your Future" brochure?	Questions About Engineering
The story of civilization is, in a sense, the story of engineering—that long and arduous struggle...	Engineering Resources
This site is a guide for high school students and others interested in engineering...	Welcome to the World of Engineering
Many fascinating people have been engineers or have an engineering background.	Famous Engineers
In addition, good engineering programs are ABET-accredited, meaning they meet the minimum...	Finding and Affording the Right School
The engineer is the key figure in the material progress of the world.	Benefits of Being an Engineer
A scientist can discover a new star but he cannot make one. He would have to ask an engineer to do it for him.	Engineering & Engineering Technology

7.
 1. Texas A&M
 2. UT Austin
 3. Colorado School of Mines
 4. U of Oklahoma
 5. Stanford U.

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9. variable essay