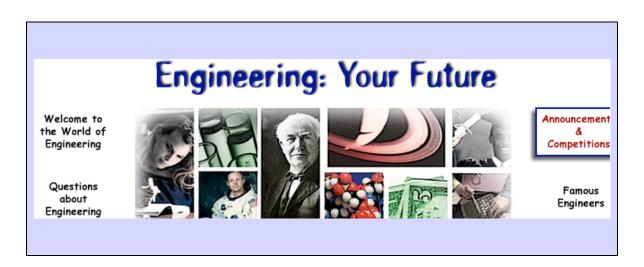
Name_____ Section_____

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) First created June 26, 2003 The latest version of this lesson, and similar lessons by Scott South, are at itesli.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.



- 1. Choose the correct link on the home page of <u>www.asee.org</u> 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 <u>http://www.usnews.com/usnews/edu/eduhome.htm</u> (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:

		Finding and
Questions		Affording
about		the Right
Engineering		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?

9. The web site describes the top ten benefits of being an engineer. Read them carefully and decide which FIVE (5) are the most important to you. Rank them here in order:

1.	
2.	
3.	
4.	
5.	

10. All right—you have read carefully about the ten top benefits of being an engineer; you have thought about them and chosen the top five for yourself. So you should be ready to justify your choices in a short essay. Write 120-150 words about your top five benefits and why you have chosen them. USE YOUR OWN WORDS; Do NOT COPY from the web site.

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.

Careers in engineering span the alphabet. Engineering offers a rewarding and lucrative career.	Engineering disciplines Benefits of being an engineer
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.
- 8. 🖙 <u>Type of school</u>

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

9. variable essay