

Homework Assignment #2 – Engineering Resources on the Internet

The first several weeks of EGR 120 deal with topics such as the engineering profession, accreditation, licensing, engineering societies, ethics, the TCC engineering program, and college transfer information. The Internet is a valuable resource for obtaining information on such topics.

Investigate each Internet site listed on the attached pages. Find the requested information from each site and record the results in the spaces provided. Note that Internet sites are constantly being changed, so the links listed below may vary somewhat. In addition, there are often several paths that may be taken to arrive at a particular web page. Be creative and resourceful in trying to find the information if you have trouble! Also note that many sites contain internal search tools to assist you in finding information.

Assignment by last name:

In most parts below, 5 items are listed (labeled A, B, C, D, and E) that are to be investigated. Each student should only use 1 of the 5 items according to the first letter of the last name, as follows:

First letter of last name	Item to use in each case below
A - E	A
F - J	B
K - O	C
P - T	D
U - Z	E

Submitting the assignment by Email (required):

This assignment must be submitted by Email as described below.

- Create a word-processing document containing the answers to each part of the assignment. For example:

Student Name Course and section Assignment Number
<i>Answer #1)</i> The following _____ electives (PLS, PSY, etc) can be used to satisfy the Social Science (or Humanities) Elective: _____ (assigned part only).
<i>Answer #2</i> _____ (course number) is available in these semesters: _____
<i>Answer #3)</i> A minimum GPA of _____ is required to transfer to _____
• •
<i>Answer #20)</i> According to the Pickens Plan video, In 1970, what percentage of our oil was imported? _____ % Etc.

- Do not type the answers into an email. They will not be accepted unless they are in *an attached document*.
- Attach the document to Email and send it to the instructor. Use the following format for the subject line in the email: **Name, Course-Section, Assignment Number** (for example, **John Doe, EGR 120-D01B, HW #2**).
- The instructor will grade the assignment and return the grade and any comments/corrections by email.

2. **Old Dominion University Engineering** - go to www.odu.edu

- Browse the site to see what information is available

Mechanical Engineering Course Information

- Follow the links below:
 - Academic
 - Undergraduate
 - Mechanical Engineering
 - Course Description
- Determine the title, the pre-requisite(s) and the co-requisite(s) for the course indicated below (assigned part only).
 A) ME 303 B) ME 305 C) ME 311 D) ME 312 E) ME 315

Answer #4) The title for _____ (course number) is: _____
 The pre-requisite(s) the course above is(are): _____
 The co-requisite(s) the course above is(are): _____

Civil Engineering Course Information

- In a manner similar to the last step, find course descriptions for the ODU Civil Engineering program.
- Determine the title, the pre-requisite(s) and the co-requisite(s) for the course indicated below (assigned part only).
 A) CEE 305 B) CEE 310 C) CEE 323 D) CEE 330 E) CEE 350

Answer #5) The title for _____ (course number) is: _____
 The pre-requisite(s) the course above is(are): _____
 The co-requisite(s) the course above is(are): _____

3. **Virginia Tech Engineering** - go to www.vt.edu

- Browse the site to see what information is available

Mechanical Engineering Student Projects

- Follow the links below:
 - Academics Programs
 - Colleges - Engineering
 - Departments
 - Mechanical Engineering
 - Programs
- Under Student Projects, determine either the meeting time & place or the faculty advisor's name for the project listed below (assigned part only).
 A) Baja SAE Team B) Formula SAE Team C) Hybrid Electric Vehicle Team
 D) Autonomous Vehicle Team E) Autonomous Aerial Vehicle Team

Answer #6) The _____ project meets at the following time & place (or name the faculty advisor or some other key information): _____