

IE-352

Section 1, CRN: 48700/1/2

Section 2, CRN: 48706/7/8

Second Semester 1435-36 H (Spring-2015) – 4(4,1,2)

“MANUFACTURING PROCESSES – 2”

Tuesday, March 24, 2015 (04/06/1436H)

Course Project [10 Points]

Name:	Student Number:	Section:
	4	10 / 11

Review of Recent “Machining Processes” Research.

You are required to locate, read, and summarize recent scientific literature on any topic generally related to “Machining Processes”. Please read the following rules carefully:

- The literature must be **scientific!** This means that any non peer-reviewed material can be acceptable only as a reference or a tool to help you in your project. However, it will not count as one of your major sources. You are highly advised to use a scientific search database to help you in your research.
- Use at least **two** (2) journal or conference publications, obtained from a major scientific database (such as *Science Direct*).
- The references must present a fairly **recent** topic, preferably within the last three to five years.
- Academic honesty** rules seriously apply. Therefore, you are required to use your own words in summarizing, linking, and drawing conclusions from this work. Simply copying and pasting will not be accepted!
- You will earn more credit if you are able to **show a relationship** between your research and content covered during the course. For example, you may want to show a recent development of some of the data or research shown in one of the chapters covered in class.
- You must attach all **physical references** (not just links) used as an appendix to your report. You must also properly **cite** all your references.
- You will **present** a summary of your research as described in the rules section below.

Important Rules and Reminders:

- You are required to work in a team of no less than **3** and no more than **4** students. No exceptions! You must dedicate a section of your report to show “**who did what**”.
- All presented work must be neatly **typed, printed, and bound**. No handwritten work will be accepted. Note, besides content and quality, you will also be graded on your spelling, grammar, formatting, neatness, etc.
- You **must submit** the following:
 - A *printed and bound* **report** showing all steps and details of the complete work accomplished in this project.
 - Printout of slides used in your **presentation** (use 2-4 per page; grayscale).
 - A copy of all **publications** you have used, photos, and any other material and/or references that add value, and authenticity to your work. Remember, you will be monitored for plagiarism.
 - Attached, labeled **CD** containing all the above-mentioned items (most importantly the **report, presentation, and publications**). **Points will be deducted** for one or more missing items from the above list.
 - Note, you must submit all work **on the day of your scheduled presentation**. No late work will be accepted.
- Your group will be required –collectively– to perform a **5-7 minute** presentation. **Points will be deducted** if you exceed the time limit. This will be held on the following date:
 - **Thursday, April 30th, 2015** (11/07/1436H) after *Asr* prayer. Note, the location will be announced at a later time.
 - Note, besides the quality of the content of your work, you will receive a grade for your overall presentation and speech skills, as well as your PowerPoint slides. **All group members** must participate in this activity.

I wish you the very best with this project, and hope you can both learn and enjoy working on it.