

ENGINEERING BIOMECHANICS (INGE4011)¹

Roberto Bravo, Luis Moux, Ivan Nieves and Jose Rivera²

Word; 1" margin on all sides; Font size 9; Times New Roman; In Two Columns; In English Language

<SEE SAMPLE ARTICLE FOR INSTRUCTIONS:
pages A1 to A23 from
<http://faculty.eng.fiu.edu/~mgoyal/> >

General Comments:

1. Make use of references after each problem and the text, wherever applicable. Example
(Frankel and Goyal 1979, page) = MUST
2. DONOT USE $G=2.5N$, but $G = 2.5 N$ in all project.
3. REFERENCES IN THE ALPHABETICAL ORDER.
Goyal, Megh R., Vijay K. Goyal and Vinay K. Singhal. 2003. *Biofluid Mechanics of Human Body Systems*. 4th Edition. Mayaguez, PR: Libreria Universal Book Co. Ltd.
4. Instead of using a second person: Use First or third person: You, Your = no; We, our etc, = yes
5. Left and right adjusted.
6. Please classify exercises under:
 - Tension, compression and shear
 - Axially loaded members.
 - Torsion.
 - Shear forces and bending moment diagram.
 - Stresses in beams.
7. EXERCISE with SOLUTION, always include the figure for explanation. One exercise per student is okay. INCLUDE THIS in A APPENDIX after the glossary.
8. Always include positive thought: a must.
9. Title, Authors, foot notes: EXACTLY as here and on first page. PAGE NUMBERING AT BOTTOM LEFT ON RIGHT SIDE.
10. GIVE PROPER CREDIT: FOR THE ORIGINAL RESOURECE. Include the reference in the text, FIGURE, AND TABLE.
11. Figures should be legible and clear, sharp. Each figure has a title just below it. All figures in the report are marked "Figure 1. ----- etc."
12. Table should have a heading. All tables and figures should be referred in the text.
13. NEXT DATE FOR COMPLETE REPORT IS:
February 18, 2004 \longrightarrow
----- ZIP disk
---- Hard copy in Black and white.

¹ This review article was prepared on May 14, 2004 for the course on Mechanics of Materials - I. Course Instructor: Dr. Megh R. Goyal, Professor in Biomedical Engineering, General Engineering Department, PO Box 5984, Mayaguez, Puerto Rico 00681-5984. For details contact: m_goyal@ece.uprm.edu or visit at : http://www.ece.uprm.edu/~m_goyal/home.htm

² The authors are in the alphabetical order.

³ The numbers in the parentheses refer to references in the bibliography.

FINAL INSTRUCTIONS – II

1. FINAL PROJECT will be graded as follows:
Contents: 50%
References cited in text, figures, tables, appendices, exercises; and reference list: 25%
FORMAT: 25%
2. All references be cited as:
(Frankel and Goyal 1979, page): must
3. On March 19, 2004: Submit followings:
 - My copy with corrections: Donot throw.
Draft I
 - your corrected (revised) version
 - ZIP disk
 - Hard copy in Black/ white
 - All xerox copies of reference material.

ADVICE:

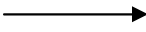
1. Copy the webpage URL exactly in the list of references as soon as you find a useful information.
2. Make a Xerox copy of the title page, write down the author/ title of book/ year of publication, article title, pages to be referenced, publisher and ISBN number. If it is book from library, note the call number. Make a Xerox copy of the pages that are used by you.

ENGINEERING BIOMECHANICS (INGE4011)¹

Roberto Bravo, Luis Moux, Ivan Nieves and Jose Rivera²

¹ This review article was prepared on December 8, 2003 for the course on Mechanics of Materials. Course Instructor: Dr. Megh R. Goyal, Professor in Agricultural and Biomedical Engineering, General Engineering Department, PO Box 5984, Mayaguez, Puerto Rico 00681-5984. For details contact: m_goyal@ece.uprm.edu or visit at http://www.ece.uprm.edu/~m_goyal/home.htm/

² The authors are in the alphabetical order.

FOOTER should be 

December 2003 Projects on Biomechanics for Course on Mechanics of Materials – I, GED at University of Puerto Rico, Mayaguez