



Computational Mechanics Graduate Program

Course Syllabus: CMGP 01 Intensive English Program

Instructor: A group of instructors coordinated by Mr. B. BouAicha

Course Summary:

This course has been designed specifically for the CMGP students so that they will be able to apply what they are learning in this course to what they will be expected to do in other courses within this degree. It has two main purposes: the improvement of students' all-round English proficiency (through consolidating and extending their basic command of grammar and academic vocabulary) as well as the development of those skills needed for academic study through English: lecture comprehension and note taking, reading, essay writing and participation in seminars. The objectives of this course are threefold: (a) to improve overall ability in English; (b) to teach and improve the required academic study skills such as note-taking, academic writing and seminar participation; (c) to develop skills essential to working independently beyond the course.

Course Outline:

1. **Study skills:** Lecture comprehension; Note-taking techniques; Research and reading skills; Report and essay writing skills; Seminar presentation and discussion skills
2. **General language Skills:** Review of elements of the language system which present particular problems; Developing the four macro-skills of reading, writing, listening and speaking in a specific English for engineering context; Exposing students to a wide range of specialist vocabulary
3. **Project work:** Researching, planning, outlining, drafting and redrafting an essay on a topic related to students' subject areas; Preparing and giving an oral presentation on this essay topic.
4. **Academic lectures:** A varied programme of subject lectures given by CMGP faculty and guest lecturers as well as recorded talks or documentaries for practice in note-taking and asking questions.

Course Offering: Preseasonal program held prior to Quarter 1 of each academic year (45 hours total; 4.5 Cr).

Course Grade: Class presence required (no grades)

References:

- Lebauer, R.S., "Learn to Listen; Listen to Learn: Academic Listening and Note-Taking", Pearson ESL, 1999
- Davies, J. W., "Communication for Engineering Students", Addison-Wesley, 1996
- Swales, J., "Writing Scientific English: a textbook of English as a foreign language for students of physical and engineering sciences", Nelson
- Pickett, N.A & Laster, A..A., "Technical English: Writing, Reading and Speaking", Longman, 2000
- King, C & Stanley, N., "Building Skills for the TOEFLTest", Addison Wesley, 1999
- Dunkel, P.A., Pialorsi, F., & Kozyrez, J., "Advanced Listening Comprehension: Developing Aural & Note-Taking Skills", Heinle & Heinle, 1996
- Alley, M., "The Craft of Scientific Writing", Springer Verlag, 1996
- Alley, M., "The Craft of Scientific Presentations: Critical Steps to Succeed and Critical Errors to avoid", Springer Verlag, 2003
- Glendinning, "Oxford English for Electrical and Mechanical Engineering", OUP, 1995