

## Academic English Midterm project

For this project, you will work in teams of 3-6 people. You are to design an engineering or scientific project that will benefit members of the community – a community service project. This can involve any kind or combination of engineering expertise (mechanical, materials, computer, chemical, bio, etc.). The community can be any kind of underprivileged or disadvantaged group in South Korea or another country. This can be written and presented as if you are appealing to a charity, NGO, or foundation for funding and support for your project.

### **Presentation component**

Explain the problem that your group wishes to address, and then explain your project in detail – including the various components or stages of the project, and how you would implement it. You also might want to address some of the items in the written component below.

You will first present your project on one of the days of midterm week (week 8). We will have 2-3 presentations per class session. Each group can take 12-20 minutes to explain their project, plus 1-2 minutes for questions from the audience.

### **Written component**

Your group will submit a written proposal, which should include the following elements. This will be due the week after your presentation (either in hard copy or via email). Length: At least 2 pages, single-spaced.

1. **Summary.** Briefly summarize your project – what you propose to do.
2. **Rationale.** Why is this project needed? Whom will it benefit? What long-term benefits will it have?
3. **Details.** Explain your project in detail.
4. **Participants.** Explain what your group members would do – what would each person's role be in the project? What other helpers, participants, or sponsors do you need? What other NGOs, governmental entities, or other groups would you need to work with?
5. **Timeline & budget.** How long will it take, and if it proceeds in stages, how long for each component or stage? Give a breakdown of your budgetary needs, and justify your expenses.
6. **Group members.** Group members' names (preferably in 한글) and ID numbers should be included, as well as a brief description of who contributed what parts or how much in preparation for the presentation, and in writing up the written proposal.

## Grading criteria

The grading criteria for the presentation will be something like this.

1. Rationale – Clear rationale & explanation of why the project is needed, and its benefits
2. Contents – Sufficient contents & preparation
3. Project details – Sufficient details & explanations
4. Clarity – Clear explanations, easy to understand follow
5. Organization – Well-organized and structured, good flow
6. Speaking & vocal delivery – Clear, audible voices; clear speaking & delivery; good vocal volume & intonation; the presentation quality indicates adequate rehearsal and preparation
7. Interaction with audience – Eye contact, body language, etc.
8. Visual aids – Good use of whiteboard, graphics, handouts, or PPT (Note: PPT is not required.)
9. Equal participation – Each group member participates equally
10. Value – Overall social, practical and scientific value & benefit; creativity and originality
11. Reception – How audience members evaluate your presentation will also be considered.

On the day that your group presents, you will also serve as audience members for the other groups presenting, and you will be evaluating them as well.

On Friday, 07 November, a week after the midterm presentations, you will turn in the written project description. It will be evaluated according to the above criteria (except, of course, for #6-7 and #11; for #8, I will consider any charts, graphics or graphs in your write-up). You can submit this by email (preferably), or in hard copy (in class, or in my mailbox in 국제관 208A).