

Bonus assignment for Calculus

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簡介：

爲了讓各位同學更了解微積分與專長領域之間的關係，同學可以做一份書面報告說明微積分對於專長領域的重要性，並以具體例子說明。本報告不一定要交。

報告作用：

- 如果總成績落在560–599間且每次考試成績都非零的話，會根據報告加一些分數。
- 如果未來需要寫推薦信的話，我會根據你的報告寫。

評分要點：

- 是否好理解— 如果寫得讓我難以理解，報告分數就不會高。
- 關於專長領域的說明— 應說明你的主修爲何、關心什麼問題、並舉一兩個具體且跟微積分有關的例子。
- 微積分的應用— 說明如何用微積分處理你所說明的問題或例子。

繳交期限：

請於2024年1月19日前，以pdf的格式上傳至[eLearn](#)。

其他說明：

- 如果發現有兩份以上相同的報告，則所有相同的報告都不予計分，並倒扣總成績300分。
- 不一定要用英文書寫，只要我看得懂就可以。
- 不分系的同學可以以後想學的東西爲對象寫這份報告。
- 一般報告的寫法可參考[台大謝寶煖老師的說明](#)。

Introduction. The purpose of this assignment is to help a student understand the relationship between Calculus and his or her major. A student is supposed to describe the importance of Calculus in his or her major and explain it by concrete examples in a report. **This assignment is optional.**

Why you should do this assignment.

- If your final grade is between 560 and 599, then I will give you some bonus points according to your report.
- If you ask me for a reference letter, I will write the letter according to your report.

How I grade the report.

- Understandability — If it takes me a long time to understand your report, you won't get many points.
- Description about your major — Describe your major and what kind of problems people study in your field. Also give one or two concrete problems or examples which are relevant to Calculus.
- Application of Calculus — Explain how one can deal with the problems you describe by Calculus.

Deadline. January 19th, 2024. Upload your report in a pdf format to [eLearn](#).

Remarks.

- If there are two or more same reports, then none of them will get points. All the students who have the same report will lose 300 points in the final grade as a penalty.
- Report language — it is good as long as I can understand.
- If you don't have a major now, you can write about a topic you want to learn in the future.
- You can find some general techniques of writing a report on [Prof. Sieh's website](#).