

## Remarks on Grading Policy and Conventions in Sho's Grading

This document outlines the grading policies for exams, quizzes, and assignments in Sho's lecture courses at National Sun Yat-sen University (NSYSU). These policies apply only to Sho's courses and not to those of other faculty members.

### Overview

The grading policy for Sho's courses at NSYSU should follow the [university regulation](https://regs.nsysu.edu.tw/rule/rul_vie?rul=20190816111934)<sup>#1</sup>. The method of calculating the final grade is stated in the syllabus ("Administrative Information") of each course, which is designed with the following standards:

- **A+** for "performance gone beyond Sho's expectation",
- **B–** for "partial achievement of the lecture goals with some shortcomings", and
- **C–** for "achievement of the minimum lecture goals but with major shortcomings".

#1: [https://regs.nsysu.edu.tw/rule/rul\\_vie?rul=20190816111934](https://regs.nsysu.edu.tw/rule/rul_vie?rul=20190816111934)

### Policy on the return of answer sheets

In principle, Sho will not return your answer sheets.

- First of all, Sho does not have "the correct answer".
- Sho wants students to be independent thinkers, not relying on the "truth" given by authority. They are asked to find the best solution by themselves, not to reach the same solution as Sho's.

Sho also thinks that returning answer sheets will have no effect on improving their learning, while it consumes significant time of Sho, which should be used for other educational activities.

- Motivated students review it anyway, while unmotivated students do not review regardless of whether sheets are returned. Students usually focus only on their scores, not on the content.
- The primary purpose of exams is to evaluate achievement, not to provide feedback or promote further learning. If students need advice or feedback, they should ask before the exam.
- According to NSYSU regulations, faculty are not required to return answer sheets.

However, the following cases are exceptions:

- Mini tests. Sho designs them as an opportunity to provide feedback, rather than as a means to evaluate achievement, so that they recognize shortcomings in their discussion and writing.
- Fall-semester lectures targeting first-year students. As they are not mature enough to behave as independent thinkers, Sho gives feedback for all mini tests and exams.
- During office hours. However, only if they rework over an exam or test and produce their own revised answers. They need to have in-person visits.

## Mark Style

Sho uses the following mark style to describe his opinion.

○ : Sho agrees with the answer.

⑤ : Sho agrees with it, but suspects mishandling of significant figures.

× : Sho thinks it is incorrect.

△ : Sho thinks it worths partial mark (with a number  $n \rightarrow n$ 折)<sup>#2</sup>.

ACCEPT: Sho thinks it is a wrong answer but has decided to accept it as a correct answer.

The following symbols are used to describe Sho's feedback.

UM	: unit missing
UE	: unit handling error
UD	: unit duplication
DM	: direction missing
DE	: direction error
Dir	: direction missing/error
VE	: vector handling error
Exp	: insufficient explanation
Calc	: calculation error

underline ending with  $\perp$  : correct claim for partial mark

underline ending with a number : correct claim for partial mark indicated by the number

underline ending with  $\times$  : incorrect claim

wavy underline : critical issue (usually it leads you to a wrong answer)

purple marker : English issue (tolerated)

yellow marker : minor issue (tolerated)

(Sample: For a two-second free fall of a 5 kg object, find the final kinetic energy and average speed.)

Since it reach the ground at  $t=2.0s$ , the height in  $t=0$  is

$$h = \frac{1}{2}gt^2 = 19.6m$$

and the average sped is

$$\underline{19.6/2.0 = 9.8 \text{ m/s.}} \quad +0.3$$

The kinetic energy at  $t=2.0s$  is

$$K = \frac{1}{2}mgh = \frac{5.0 \text{ kg} \cdot 9.8 \text{ m/s}^2 \cdot 19.6 \text{ m}}{2} = 420 \text{ J.}$$

#2: For  $1 \leq n \leq 9$ , (full mark)  $\times 0.1n$ . For  $10 \leq n \leq 99$ , (full mark)  $\times 0.01n$ .