Course Description

The progress in IC design changes every three to five years. To meet such a rapid change, designers need to understand recent events and advancements in future. This course invites speakers from industry and academia to discuss their recent R&D directions and recent work. The course emphasizes diversity and broad spectrum in various fields. Upon completion of this course, you shall gain understanding in current issues of IC design and EDA. The course is outlined as follows:

- 未來產業趨勢
- 如何增加職場競爭
- 工程師具備社會倫理
- 異質科技的整合
- 系統層級設計
- 前瞻多媒體系統
- 先進類比、混訊及射頻設計
- 熱門 EDA 問題

Grading Policy

The tentative weights of the homework assignments and the exams are listed as below and they are subject to minor change.

- Participation 60%
- Reports 40%