

## 课程详述

### COURSE SPECIFICATION

以下课程信息可能根据实际授课需要或在课程检讨之后产生变动。如对课程有任何疑问，请联系授课教师。

The course information as follows may be subject to change, either during the session because of unforeseen circumstances, or following review of the course at the end of the session. Queries about the course should be directed to the course instructor.

1.	课程名称 <b>Course Title</b>	工业实习 Industrial Practice
2.	授课院系 <b>Originating Department</b>	深港微电子学院 School of Microelectronics
3.	课程编号 <b>Course Code</b>	SME470
4.	课程学分 <b>Credit Value</b>	2
5.	课程类别 <b>Course Type</b>	专业核心课 Major Core Courses
6.	授课学期 <b>Semester</b>	夏季 Summer
7.	授课语言 <b>Teaching Language</b>	中英双语 English & Chinese
8.	授课教师、所属学系、联系方式 (如属团队授课, 请列明其他授课教师) <b>Instructor(s), Affiliation &amp; Contact</b> (For team teaching, please list all instructors)	微电子学院相关老师 (课程协调人, 崔德虎) 崔德虎/ CUI Dehu 深港微电子学院 助理教授, School of Microelectronics, Assistant Professor 第二科研楼 527, Research Building 2, room 527 <a href="mailto:cuidh@sustech.edu.cn">cuidh@sustech.edu.cn</a> , 88018586
9.	实验员/助教、所属学系、联系方式 <b>Tutor/TA(s), Contact</b>	无 NA
10.	选课人数限额(可不填) <b>Maximum Enrolment (Optional)</b>	

11. 授课方式 Delivery Method	讲授	习题/辅导/讨论	实验/实习	其它(请具体注明)	总学时
	Lectures	Tutorials	Lab/Practical	Other (Please specify)	Total
学时数 Credit Hours			64		64

12. 先修课程、其它学习要求 Pre-requisites or Other Academic Requirements	
13. 后续课程、其它学习规划 Courses for which this course is a pre-requisite	
14. 其它要求修读本课程的学系 Cross-listing Dept.	

### 教学大纲及教学日历 SYLLABUS

#### 15. 教学目标 Course Objectives

通过本课程让学生将学校所学的专业知识与工业实际相结合，，达到学以致用目的，在专业知识和人才素质两方面得到锻炼和培养，进一步巩固、充实和拓展专业知识，增强学生的职业感和责任感，从而为毕业后走向工作岗位，尽快成为业务骨干打下良好基础。

The students will combine the professional knowledge they have learned with the industrial reality, achieve the purpose of learning, and be trained and cultivated in both professional knowledge and talent quality to further consolidate, enrich and expand their professional knowledge. To enhance students' sense of professionalism and responsibility. Via this course, students are expected to build up their professional awareness and responsibility, which will help their career development in the future.

#### 16. 预达学习成果 Learning Outcomes

通过本课程的学习使学生在学校所学的专业知识与工业实际相结合，在专业知识和人才素质两方面得到锻炼和培养，进一步巩固、充实和拓展专业知识，从而为毕业后走向工作岗位尽快成为业务骨干打下良好基础。

Through the study of this course, students will incorporate professional knowledge with industrial practice to improve professional knowledge and talent. This will further consolidate, enrich and expand the professional knowledge, so as to help students to succeed at work after graduation.

#### 17. 课程内容及教学日历（如授课语言以英文为主，则课程内容介绍可以用英文；如团队教学或模块教学，教学日历须注明主讲人）

**Course Contents (in Parts/Chapters/Sections/Weeks. Please notify name of instructor for course section(s), if this is a team teaching or module course.)**

工业实习的实习内容与方法，由实习单位与指导老师共同研究决定，应体现课程知识内容的应用与实践。具体实习内容可以包括但不限于半导体物理、电子功能材料、固态器件、集成电路设计、微机电系统和半导体制造技术等领域的应用。

The specific details and methods of industrial practice should be determined by the company and supervisor at SUSTech, which must concentrate on the application of the corresponding professional/academic knowledge. The details can include (but not limited to): Semiconductor physics, electronic functional materials, solid state devices, integrated circuit design, MEMS, and semiconductor manufacturing technologies.

18. 教材及其它参考资料 Textbook and Supplementary Readings

无 NA

课程评估 ASSESSMENT

19. 评估形式 Type of Assessment	评估时间 Time	占考试总成绩百分比 % of final score	违纪处罚 Penalty	备注 Notes
出勤 Attendance				
课堂表现 Class Performance				
小测验 Quiz				
课程项目 Projects				
平时作业 Assignments				
期中考试 Mid-Term Test				
期末考试 Final Exam				
期末报告 Final Presentation				
其它（可根据需要 改写以上评估方式） Others (The above may be modified as necessary)	实习报告 Practice Presentation	100		

20. 记分方式 GRADING SYSTEM

- A. 十三级等级制 Letter Grading  
 B. 二级记分制（通过/不通过） Pass/Fail Grading

课程审批 REVIEW AND APPROVAL

21. 本课程设置已经过以下责任人/委员会审议通过  
 This Course has been approved by the following person or committee of authority