南方科技大学
SOUTHERN UNIVERSITY OF SCIENCE AND TECHNOLOGY

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 Course Title**	**新能源工程实践 II** **Practice for New Energy Engineering II**
2.	**授课院系** **Originating Department**	机械与能源工程系 Department of Mechanical and Energy Engineering
3.	**课程编号** **Course Code**	ME497
4.	**课程学分 Credit Value**	2
5.	**课程类别** **Course Type**	专业核心课 Major Core Courses
6.	**授课学期** **Semester**	夏季 Summer
7.	**授课语言** **Teaching Language**	中文 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）** **Instructor(s), Affiliation& Contact** **（For team teaching, please list all instructors）**	曾林等全体机械与能源工程系能源相关教师 机械与能源工程系 88015372 Lin Zeng Department of Mechanical and Energy Engineering zengl3@sustech.edu.cn
9.	**实验员/助教、所属学系、联系方式** **Tutor/TA(s), Contact**	待公布 To be announced
10.	**选课人数限额(可不填)** **Maximum Enrolment（Optional）**	

11. 授课方式 Delivery Method	讲授 Lectures	习题/辅导/讨论 Tutorials	实验/实习 Lab/Practical	其它(请具体注明) Other（Please specify）	总学时 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	无。 None.
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

本课程的目的是在新能源工程实践 I 的基础上，将学生深入到新能源产业的第一线，了解新能源行业现状以及对相关专业知识的需求，并将课程学习到的专业知识应用到实践中，灵活运用所学专业知识，在实践中发现并提炼问题，提出解决问题的思路和方法，提高分析问题及解决问题的能力。

Based on the practice of New Energy Engineering I, the purpose of this course is to immerse students in the forefront of the new energy industry, to understand the current situation of the new energy industry and the demand for related professional knowledge, and to apply the professional knowledge learned in the course to practice. Students will flexibly apply the professional knowledge they have learned, identify and refine problems in practice, propose approaches and methods for solving problems, and improve their ability to analyze and solve the practical problems.

16. 预达学习成果 Learning Outcomes

通过本课程的实践训练，使学生了解新能源行业的现状，锻炼其在实际工程问题中发现和定义问题，运用课堂所学专业理论知识解决实际问题的能力，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 practical training in this course, students will gain an understanding of the current situation in the new energy industry, develop their ability to identify and define problems in actual engineering situations, and apply the professional theoretical knowledge learned in the classroom to solve practical problems. This course 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.)

此课程学生在高校、工业界实习，学习任务根据在不同实习地点需要，个性化安排。实际在高校或公司交流合作的工作时间一般不少于 2 周，每周 5 天，每天不少于 6 小时，合计不少于 64 学时。

In this course, students will participate in internships at universities or in the industrial sector, and the learning tasks will be personalized based on the needs of different internship locations. The actual working time for practice training in universities or companies is generally not less than 2 weeks, 5 days per week, not less than 6 hours per day, with a total of not less than 64 credit hours.

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

无。

None.

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		20		
课堂表现 Class Performance		30		
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		50		

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)				

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