

## 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>	新能源工程实践 I <b>Practice for New Energy Engineering I</b>
2.	授课院系 <b>Originating Department</b>	机械与能源工程系 Department of Mechanical and Energy Engineering
3.	课程编号 <b>Course Code</b>	ME496
4.	课程学分 <b>Credit Value</b>	1
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） <b>Instructor(s), Affiliation &amp; Contact</b> (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 <b>Tutor/TA(s), Contact</b>	待公布 To be announced
10.	选课人数限额(可不填) <b>Maximum Enrolment (Optional)</b>	

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			32		32
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

本课程的目的是通过实习实践活动，将学到的新能源相关的专业理论和知识，与新能源相关实际工程问题相结合，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。  
Through this course, students can combine the professional theories and knowledge related to new energy that have been learned with practical engineering problems related to new energy through internship and practical activities, find and refine the problem in practice, put forward the ideas and methods to solve the problem. They can improve the ability to analyze and solve problems.

#### 16. 预达学习成果 Learning Outcomes

通过本课程的实践训练，使学生熟悉运用新能源相关的专业理论知识，在专业知识和人才素质两方面得到锻炼和培养，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 practical training in this course, students will become familiar with the application of professional theoretical knowledge related to new energy, and will be trained and cultivated in both professional knowledge and talent qualities. 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1周，每周5天，每天不少于6小时，合计不少于32学时。

In this course, students will have internships in universities and industrial sectors, and their 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 no less than one week, with five days per week and no less than 6 hours per day, totaling no less than 32 class 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**

