

UNDERGRADUATE

School of Mechanical Engineering

MAJOR: Mechanical Engineering & Automation (Automobile Engineering)

| ACADEMIC YEAR: | SEMESTER ONE | | ACADEMIC YEAR: | | |
|-------------------------------------|--------------|--------------|--|-----|--------------|
| COURSES | | CREDIT SCORE | COURSES | | CREDIT SCORE |
| Introduction to Life Science | 2 | 76 B | Chinese | 2 | 84 B+ |
| Chemistry | 2 | 84 B+ | Programming Abstractions (C++) | 3 | 95 A+ |
| Chemistry Lab. | 2 | 78 B | University English II | 4 | 89 A- |
| Introduction to Computer Technology | 0 | P | Enjoyment of Movie Art | 2 | 82 B+ |
| University English I | 4 | 95 A+ | Linear Algebra | 2.5 | 94 A |
| Introduction to Communication | 2 | 85 A- | Advanced Mathematics II | 4 | 81 B+ |
| Advanced Mathematics I | 6 | 82 B+ | Machine Design (I) (Drawing) II | 2 | 93 A |
| Machine Design (I) (Drawing) I | 2 | 86 A- | Introduction to Mechanical Engineering | 2 | 96 A+ |
| Frontiers of Mechanical Engineering | 2 | 88 A- | Physical Education II | 1 | 92 A |
| Physical Education I | 1 | 89 A- | Physics I | 4 | 92 A |
| Circumstance and Policy | 1 | 92.5 A | Physics Lab I | 1.5 | 84 B+ |
| Modern Chinese History | 2 | 70 B- | Military Theory | 1 | 84 B+ |
| | | | Circumstance and Policy | 1 | 88 A- |
| | | | Morals and Ethics & Law Fundamentals | 2 | 89 A- |

| ACADEMIC YEAR: | SEMESTER ONE | | ACADEMIC YEAR... | SEMESTER TWO | |
|---|--------------|--------------|---|--------------|--------------|
| COURSES | | CREDIT SCORE | COURSES | | CREDIT SCORE |
| Theoretical Mechanics | 4.5 | 89 A- | Basic Management | 2 | 84 B+ |
| University English III | 4 | 88 A- | Engineering Economics | 2 | 93 A |
| History of Beaux-arts abroad | 2 | 85 A- | Electrical and Electronic Technology | 3.5 | 77 B |
| Probability and Mathematical Statistics | 2.5 | 90 A | Electrical and Electronic Technology Lab. | 2 | 85 A- |
| Metalworking Practice | 6 | A- | Engineering Fluid Mechanics | 3 | 92 A |
| Physical Education III | 1 | 78 B | Materials Mechanics | 3.5 | 87 A- |
| Physics II | 4 | 90 A | University English IV | 4 | 92 A |
| Physics Lab II | 1.5 | 83 B+ | Graphics Process Technology | 2 | 78 B |
| Circumstance and Policy | 1 | 78 B | CAD-UG (I) | 2 | 83 B+ |
| An Introduction to Mao Zedong Thought, Deng Xiaoping Theory & Important Idea of the Three Representatives | 3 | 79 B | Classical English Songs Enjoyment | 2 | 93 A |
| | | | Physical Education IV | 1 | 87 A- |
| | | | Engineering Thermodynamics I | 2 | 73 B- |
| | | | Circumstance and Policy | 1 | 91 A |
| | | | Marxism Basic Theory | 2 | 72 B- |

| ACADEMIC YEAR: | SEMESTER ONE | | ACADEMIC YEAR: | SEMESTER TWO | |
|---|--------------|--------------|--|--------------|--------------|
| COURSES | | CREDIT SCORE | COURSES | | CREDIT SCORE |
| Electrical and Electronic Technology | 2.5 | 87 A- | Mechanical Vibration | 2 | 92 A |
| Electrical and Electronic Technology Lab. | 1 | 90 A | Machine Design (III) | 4 | 84 B+ |
| Complex Analysis | 2.5 | 99 A+ | Course Design on Machine Design II | 4.5 | 83 B+ |
| Machine Design (II) (Theory) | 2.5 | 92 A | Control Technology II (Mechatronics Control) | 2.5 | 89 A- |
| Course Design on Machine Design I | 3 | 90 A | Course Project of Fundamentals of Control Technology | 1.5 | B+ |
| Materials Forming Technology I | 2 | 86 A- | Control Technology | 2 | 85 A- |
| Materials Forming Technology II | 1.5 | 80 B+ | Control Technology I (Fluid Controlling) | 2 | 85 A- |
| Machine Manufacturing Technology | 3 | 92 A | Cutting Theory and Process Control | 2 | 84 B+ |
| Fundamentals of Control Theory I | 3 | 80 B+ | Introductory Automobile Engineering | 1.5 | 91 A |
| Physical Education V | 1 | 80 B+ | Automobile Construction (I) | 2 | 89 A- |
| Heat Transfer and Fluid Mechanics | 2 | 95 A+ | Automobile Construction (II) | 2 | 94 A |
| Engineering Thermodynamics II | 1.5 | 84 B+ | CAE-ADAMS (III) | 2 | 92 A |

2008-2009-2 RWTH Aachen University [summer]

REGISTERED

RWTH AACHEN UNIVERSITY

DEPARTMENT OF

MECHANICAL ENGINEERING

说明

学年

每学年开始于九月，结束于次年八月。它包括两个学期，每学期有18周的规定课程。

考核与记分方式

考核根据课程类别分为考试和考查两类，其中考试课程的记分方式为百分制或等级制，考查课程的记分方式为合格/不合格 (Pass/Failure) 两级制。详细注释如下：

1、从2005届毕业生起，我校成绩记录不再使用五级记分制(优秀、良好、中、及格、不及格)，已计入的成绩参照附表进行折算；2004届(含2004届)以前学生成绩仍按原记分方式执行，同时由学校出具的中英文成绩证明中成绩折算方法也不做调整，具体参照附表；

2、考查课程不计入平均积点，但计入总学分，考查课程总学分达不到培养计划要求不能毕业；

3、自03届毕业生起部分课程为双语授课(双语授课课程不另标注)，03届以前所有课程除英语、日语等语言类课程外均采用中文授课；02届以前(含02届)毕业生如果英语从二级开始修读，对应英文成绩单英语提高一级。

4、学时、学分与GPA：18学时 = 1学分； $GPA = \frac{\sum \text{课程学分} \times \text{积点}}{\sum \text{课程学分}}$ ，教务处不受理GPA公证。

Explanatory Notes

Academic Year

The academic year of the university begins in September and ends in August of the following year. It includes two semesters. Each semester has eighteen weeks of scheduled classes.

Score-Transformation Rules for Undergraduate Courses of SJTU

1. For students graduated in 2005 or after, some courses are graded by the "Pass/Failure" grading system, and others are graded by the hundred-mark system. The Chinese five-level score system(优秀 excellent,良好 good,中 fair,及格 pass,不及格 failure)is no longer in force. The transformation rules are illustrated in the attached chart. For students graduated in 2004 or before, the transformation rules are unchanged.

2. The grade point average does not include the courses graded by the "Pass/Failure", but the credits of these courses are added to the total credits. For graduation, students need to accumulate the required credits, as specified for each program.

3. For students graduated in 2003 or after, some courses are taught bilingually; for students graduated in 2002 or before, all the courses were taught in Chinese language only, except for language courses such as English courses, Japanese courses, and so on.; For students graduated in 2002 or before, the score of English is improved one level if he or she studies English from Band 2.

4. One credit is designated for one lecture hour per week for 18 weeks; $GPA = \sum (\text{course credit} \times \text{point}) / \sum \text{course credit}$, Academic Affairs Division does not verify students' GPA.

附表1: Attached Chart

| 新记分制(2005届起)New Grading System(For Students Graduated in 2005 or After) | | | | | 旧记分制 Old Grading System(For Students Graduated in 2004 or Before) | | | | | |
|---|------|------|-----------|---------|---|--------------|-----------|-----|--------------|---------|
| 考查考核 | | | 考试考核 | | | 五(四)级考核 | | | 百分考核 | |
| 中文计分 | 对应英文 | | 中文计分 | 对应英文等级制 | 积点 | 中文计分 | 对应英文 | | 中文计分 | 对应英文等级制 |
| | 百分制 | 等级制 | | | | | 百分制 | 等级制 | | |
| 合格 | Pass | Pass | 95 ~ 100 | A+ | 4.3 | 优+, 优、 优- | Excellent | A | 85 ~ 100 | A |
| | | | 90 ~ 94.9 | A | 4.0 | | | | | |
| | | | 85 ~ 89.9 | A- | 3.7 | | | | | |
| | Pass | Pass | 80 ~ 84.9 | B+ | 3.3 | 良+, 良、 良- | Good | B | 75 ~ 84.9 | B |
| | | | 75 ~ 79.9 | B | 3.0 | | | | | |
| | | | 70 ~ 74.9 | B- | 2.7 | 中+, 中、 及格 | Fair | C | 60 ~ 69.9 | C |
| | | | 67 ~ 69.9 | C+ | 2.3 | | | | | |
| | | | 65 ~ 66.9 | C | 2.0 | | | | | |
| | | | 62 ~ 64.9 | C- | 1.7 | C+ | C | C | 69.9 | C |
| 60 ~ 61.9 | D | 1.0 | | | | | | | | |
| 不合格 | F | F | < 60 | F | 0 | 不及格 | Failure | D | < 60 | D |

F: Failure