



# **Rules and Regulations of SUTIC Undergraduate Programs (BSc Students)**

**Vice Chancellor of Academics & Research**

**15.08.2018**





Sharif University of Technology  
International Campus (SUTIC), Kish Island

**Rules and Regulations of  
SUTIC Educational Programs  
(BSc Students)**

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Please note that these English translations are for information purposes only. In the event that a dispute should arise about the interpretation of the provisions contained herein and the provisions contained in the original Persian documents, the Persian provisions shall prevail.

# Rules and Regulations of BSc Programs at SUTIC

This document contains the rules and regulations of BSc programs at SUTIC. This document along with the rules and regulations of Sharif University of Technology (SUT) provided for undergraduate studies on 1391/09/21 and the National Academic Rules and Regulations of the Ministry of Science, Research and Technology (MSRT) approved on 1391/07/27 must be considered as the guidelines for the BSc programs at SUTIC. The primary objectives in the preparation of this document include organizing academic procedures for the training committee, specializing and streamlining human resources in accordance with student's needs, unifying SUT's academic plans, and exploiting SUTIC's potential to improve academic quality to allow students to have a better experience at SUTIC. Enforcement of the internal rules and regulations of the BSc programs, which are drawn up based on the rules and regulations of SUT and MSRT, is the responsibility of the SUTIC Academic Council.

In this document, hereafter Sharif University of Technology is referred to as SUT and the Sharif University of Technology International Campus is referred to as SUTIC. The common words in this document include;

- **BSc program:** Bachelor of Science (or **BSc**) is an undergraduate program offered to high school graduates. A degree is awarded after the completion of 140 course credits based on the educational curriculum of that field. Some BSc programs include a research project meaning that the program is completed after the submission of an undergraduate research project; the credits from the research course are included in the 140 course credits.
- **Educational courses:** A set of university modules which is presented with a specific content in the educational curriculum for a field of study.

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## Departments and Offices

SUTIC Education and Admission Committee  
SUTIC Academic Council  
SUTIC Academic Department  
Office of Professional Training Course  
SUT Special Cases Committee  
Sharif University of Technology (SUT)  
Sharif University of Technology, International Campus (SUTIC)  
Ministry of Science, Research, and Technology (MSRT)

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## List of Abbreviations

D: Dishonesty  
CR: Credit Received  
P-Ex: Pass-Excellent  
P-VG: Pass-Very Good  
P-G: Pass-Good  
P-Fair: Pass-Fair  
F: Fail  
R: Research in Progress  
W: Withdrawn

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- **Compensation courses** (Remedial courses): A set of courses that focus on advancing the skills of under-prepared students before they take their main courses. Students are required to complete the compensation courses at the beginning, or during the first year of their studies. The compensation courses include the ‘Kish compensation English proficiency’ courses 1 and 2, ‘pre-physics’, and ‘pre-mathematics’.
- **Compulsory courses**: A number of core courses that are provided in the program requirements and mandatory for the BSc degree. Students must complete all compulsory courses listed in the program. These courses are ‘English Technical Writing’ and ‘Oral Communication in English’.
- **Academic Group**: A group of faculty members who collaborate in the advancement and promotion of science and knowledge in a specific field of study based on the defined academic goals.
- **Student**: An individual who is admitted by SUTIC. The student enrolls in a program based on the current rules and regulations.
- **Graduate**: An individual who has completed a program successfully based on the academic rules and regulations and is awarded an academic degree.

## **Article 1.**

### **Admission of BSc Students**

1. Admission for the BSc program may be either through the nation-wide university entrance exam held by the SANJESH organization or by submission of an online application directly through the SUTIC website.
  - 1.1. The general regulations of admission for BSc programs at SUTIC are in accordance with the general requirements of admission for an educational program recognized by the MSRT guidelines.
  - 1.2. The applicant must submit the application form together with the required documents to the SUTIC Academic Department in accordance to the guidelines for admission provided on the SUTIC website.
  - 1.3. The BSc entrance exam and an interview are administered by SUTIC.
  - 1.4. The evaluation of BSc applications is based on the English test score, entrance exam results, and academic background. The SUTIC Academic Department evaluates the BSc applications; final admissions must be approved by the SUTIC Education and Admission Committee at SUT.
2. The admitted students must enroll on the designated date and participate in the BSc orientation day at SUTIC.

## **Article 2.**

### **BSc Academic Regulations**

1. Each academic year includes two semesters and a summer semester. Each semester consists of 16 academic weeks plus two weeks for the final exams. A summer semester consists of 6 academic weeks plus one week for the final exams.
2. Studying at SUTIC is based on the academic credit system.
3. The SUTIC Academic Council is responsible for enforcing the rules and regulations, approved by the MSRT and SUT Academic Council, pertaining to educational and academic programs.
4. The student is allowed to enroll and study in only one program.

**Note.** The double-degree program is subject to the rules and regulation of MSRT for students with Exceptional Talents.

5. The time schedule for adjustment, cancellation, and withdrawal in each semester is announced based on the academic calendar.

**Note.** In special cases, a semester withdrawal may be requested by a student prior to the announced academic calendar upon the approval of the SUTIC Academic Council through the submission of a written request.

6. The maximum number of academic years to complete the BSc programs is 5 years.

**Note.** If the duration of study exceeds 5 years continuation of study is subject to the approval of the SUT Special Cases Committee.

7. Each student is assigned a faculty member as an academic supervisor to guide the student through their course of study.
8. The student is required to follow all SUTIC rules and regulations including the educational programs, financial, and student affairs rules and regulations.

## **Article 3.**

### **Duration of BSc Program and Student Commitments**

1. The BSc student must take the minimum of 12 and a maximum of 20 credits per semester. The maximum number of credits for the summer semester is 6 credits.

**Note 1.** If the GPA of a student is greater than 17 out of 20 in a semester, the student is permitted to take 24 credits in the next semester.

**Note 2.** The student is allowed to take 24 credits in the last semester of the BSc program regardless of their CGPA and unsatisfactory completion/probation.

- Note 3.** If the student needs 8 credits to complete the studies, the student is allowed to take all credits in a summer semester.
- Note 4.** The number of credits at the beginning of each semester must not be less than 12. If the number of credits is lower than 12 for an acceptable reason, based on the SUTIC Academic Council decision, such a semester is considered as a complete semester in the academic program of the student.
- Note 5.** If the student has only a specialized course that has been failed, the student is allowed to retake that course as a “non-class referral” course upon the approval of the SUTIC Academic Council. The student may submit the request form for a “non-class referral” course, approved by the academic group, to the SUTIC Academic Council no later than the next consecutive semester after the previous registration.
2. The list of courses suggested by the academic group for each semester is based on the approved curriculum according to the pre-requisite courses and is subject to the approval of the SUTIC Academic Council.
- Note 1.** The student is exempted from the pre-requisite courses’ regulations in the last semester.
- Note 2.** The student must take the course of ‘Physical Education 1’ no later than the 4<sup>th</sup> semester and ‘Physical Education 2’ no later than the 6<sup>th</sup> semester. If the student suffers from any particular physical condition that prevents him/her from taking the physical educational courses, the student must settle the academic matter with the SUTIC Academic Council before the end of the 6<sup>th</sup> semester.
- Note 3.** The student must take the course of ‘Family Planning and Population’ as a zero credit course, its completion is required for graduation. The student does not need to attend the class, but can instead arrange to receive 3 hours of counseling per week. This course is available in all semesters with one final exam held in each semester. The mark for the exam is either P (Pass) or F (Fail) and is included in the transcript. If the student fails the Family Planning and Population course the failed course remains in the transcript and they are required to retake it in the following semesters.
- Note 4.** The student may take the course of ‘BSc Research Project’ during their academic program. The procedure of registration and presentation of the BSc Research Project course is given in Appendix 1.
- Note 5.** The student needs to take the ‘Professional Training’ course according to the instruction given in Appendix 2.
3. The compensation courses proposed for the BSc programs are as follows; the Pre-mathematics (4 credits), Pre-physics (3 credits), Kish compensation English proficiency 1 (6 credits), and Kish compensation English proficiency 2 (6 credits). Compensation courses are audit courses which are included in the transcripts but are not considered in the CGPA.

**Note 1.** The student must take no less than 6 credits and no more than 14 credits in a semester in which they register for the Kish compensation English proficiency courses.

**Note 2.** The student must take the Kish compensation English proficiency courses 1 and 2 in the first two semesters of their academic studies, and the courses of ‘English Technical Writing’ and ‘Oral Communication in English’ by the end of the 2<sup>nd</sup> year of the BSc programs.

**Note 3.** The student is not allowed to enroll in the 5<sup>th</sup> semester unless the student meets the required English proficiency conditions no later than the end of the 4<sup>th</sup> semester. Permission to continue studies is subject to authorization of the SUTIC Academic Council.

4. The student must attend all the class sessions of a course. If the number of absences exceeds 3/16, the course is withdrawn from the student’s program following a report by the instructor and the approval of the SUTIC Academic Council.
5. The assessment of the student’s academic progress in each course is based on the class activities, assignments, and research project along with the scores of the midterm and final exams.

**Note 1.** The instructor is responsible for the evaluation of the student’s academic progress in each course.

**Note 2.** A final exam must be performed for each specialized course. The instructions for administration of final exams are given in Appendix 3.

6. The academic progress assessment of a course is based on a grade from zero to 20.

**Note 1.** The instructor must submit the grades of the final exam through the SUT educational website within 10 days after the final exam.

**Note 2.** The student has only three days from when the grades are submitted to the SUT educational website to submit an online request through the educational website for reconsideration of the grade. The instructor needs to follow up and review the request prior to finalizing the scores and submitting them to the SUTIC Academic Department.

**Note 3.** If the instructor and academic group confirm that a specialized course, labeled as a research course, takes more than a semester to complete it will be marked as an ‘incomplete’ and must be finalized within 45 days from the last day of the final exam according to the requirements given in Note 2.

**Note 4.** The finalized and submitted scores cannot be changed.

**Note 5.** The instructor must keep the student’s exam papers for two semesters as proof of course history.



7. The minimum passing grade is 10 out of 20 for each course, and the GPA must not be lower than 12 for each semester.
8. If the student's GPA falls below 12, the performance of the student is considered as 'unsatisfactory' and the student is placed on probation for the next semester. A student on probation is not allowed to take more than 14 credits unless it is their last semester.
9. The maximum number of probationary periods for a BSc student is three semesters, whether consecutive or alternate. In the case that the GPA of the probationary student is higher than 12 out of 20 and upon the approval of SUT Special Cases Committee, the student is allowed to continue their studies within the permitted extension of the program if the student does not receive any further academic probation.
10. The student is required to pay the fees of a course in accordance with the approved course fees of SUTIC even if the course has been failed or withdrawn.
11. The student can apply for two leaves of absence during the BSc program.

**Note 1.** The SUTIC Academic Council may accept and approve the request of the student for a leave of absence in accordance with the student's permitted period of studies.

**Note 2.** The maximum duration for maternity leave is two months without inclusion in the extension of studies period.

**Note 3.** The maximum duration of a medical leave, if approved by a reliable physician and the SUTIC Academic Council, is two semesters without inclusion in the extension of studies period.

12. A student is considered to have withdrawn from the program if the student does not register for a semester unless they receive official permission from the SUTIC Academic Council.

**Note.** The student's return to studies following such a withdrawal is subject to the approval of the SUTIC Academic Council and SUT Special Cases committee.

13. A student who intends to withdraw from the program must submit a request to the SUTIC Academic Department. The student has only one opportunity to retract the request before the commencement of the semester; failing to retract the submitted request within the designated period of cancellation leads to the issuance of a permit for withdrawal from the studies which cannot be voided.

14. A BSc student is allowed to change their field of study if the student is eligible based on the conditions postulated in Appendix 4.

**Note.** The student is allowed to change their program of study only once during the BSc studies.

15. Guest and transfer students to SUTIC must meet and observe the rules and conditions of acceptance and transference of course credits mentioned in Appendix 5.

16. Courses completed by the student in the previous program can be considered for transfer to the new program based on the conditions postulated in Appendix 5, upon the evaluation of the new academic group, and their similarity to the contents of the new program.
17. The graduation date of the student is the date when the last score of his/her course is recorded in the transcripts or at maximum the end of the last semester.
18. The student who has completed all course credits with a CGPA no lower than 12 out of 20 is awarded a Bachelor's Degree.

**Note.** If the CGPA of the student is lower than 12 out of 20 during the permitted duration of studies, the student will be provided a semester to take up to 20 credits of uncompleted courses or those courses passed with a score below 12 to improve the CGPA to 12 or higher in order to receive a Bachelor Degree; the student will be dismissed if he/she fails to meet the condition.

19. If the number of course credits passed by a student, who is withdrawn or dismissed from the program, is equal to or more than the required number of course credits for an 'associate degree' and with a CGPA no lower than 12 out of 20, the student can receive an 'associate degree'. If the above-mentioned condition is not met, the student is only provided with a document containing the passed courses and CGPA.
20. The student must submit the necessary documents within 6 months after the graduation date. Late attendance to the matters after the designated time is subject to payment of a penalty. The student must consider 20 working days as the duration to attend and complete the graduation process at the Office of Alumni in order to avoid any problems. It is important to mention that the responsibilities for any consequences of delay in the completion of the graduation process, such as the record of absence for military services, etc., will be borne by the student.

# Appendix 1

## Instructions for the BSc Research Project Course (Enrollment and Scoring)

Instructions for the BSc project course enrollment and scoring, as approved in the SUT Academic Council on 12/06/2004, are as follows:

1. Official registration is required to complete the BSc project course. The deadline for submission of the score is the end of the semester in which the course is enrolled.

**Note 1.** The deadline for the submission of the score if the project is registered in the first semester of each academic year is February 15<sup>th</sup>, if it is registered in the second semester it is July 15<sup>th</sup>, and for the summer semester it is September 15<sup>th</sup>.

**Note 2.** The summer semester is considered as a full semester.

2. If the duration provided for completion of the project course is not enough within a semester, the student must register for a non-credit course in the following semester. The maximum duration of extension for completion of a research project course is two consecutive semesters following the first registration.
3. If the score of the BSc project course is submitted later than the due date, then:
  - i) In the case of a delay of less than one semester, if the score is higher than the CGPA of the student, it is recorded as “P” (Pass).
  - ii) In the case of a delay of more than one semester, the score for the initial registration semester is recorded as “F” (Fail), and the score for the following semester is recorded as “P” (Pass).
4. The semester in which the student enrolls in a non-credit project course is considered as a full semester and is included in the duration of studies. If a student does not enroll in any other courses in that semester, the end of this semester is known as the graduation date.
5. The deadline for enrollment in and completion of the research project course and the manner of penalty payment for delays in the project defense is subject to the SUTIC Academic Council’s decision. However, the deadline for submission of the score is based on the designated dates proposed in this instruction.
6. If the score is lower than an accepted pass mark the student is not subject to the rules and regulation of the extended period of studies; however, the student must enroll in the course again and improve the score within the following semester.

# Appendix 2

## Instructions for the BSc Professional Training Course

### (Enrollment and Scoring)

The manner of enrollment and completion of the Professional Training course and submission of the score are as follows:

1. Download the form for the Professional Training course from the SUT education website and complete the section relating to the student,
2. Specify the company and place for receiving the Professional Training coordinating with the SUTIC Training course office and the Training company office,
3. Receive the approval of the SUTIC Training course office,
4. Receive the approval of the Professional Training course instructor,
5. Completion of the place of Training section on the form by the instructor of the Training company,
6. Submit the form to the SUTIC Training course instructor within the designated deadline,
7. Submit the completed form to the SUTIC Training course instructor for the issuance of a referral letter to the company,
8. Enroll in the Training course through the SUT education website within the registration or adjustment period,
9. Receive the referral letter from the SUTIC Training course instructor according to the dates mentioned in Section 3 of Table 1,
10. Complete 240 hours of work at the place of Professional Training,
11. Print the evaluation form for the BSc Professional Training course from the SUT education website, complete the form, and get approval by the instructor of the company where the student received the Professional Training,
12. Submit the work report and evaluation form for the Professional Training to the SUTIC Training course Office for the final approval and scoring by the instructor of the Training course,
13. Online submission of the score by the instructor through the SUT education website.

### Important notes about the BSc Professional Training course

1. Professional Training is a mandatory course,
2. It is a non-credit course,

3. The minimum number of passed credits as the pre-requisite for enrollment in the Professional Training course for BSc programs with a one Training course requirement is 90 credits, and for BSc programs with a two Professional Training course requirement is 60 credits for the first course and 90 credits for the second course. The student is also required to complete the technical courses of the program as a pre-requisite to the Professional Training course, according to the rules of each academic group,
4. The student is allowed to take no more than 14 credits in the first and second semester of each academic year the Training courses are taken,  
**Note.** Excluding the last semester before graduation, the enrollment in Professional Training courses are subject to a CGPA of no lower than 12 out of 20.
5. In the summer semester, the student is allowed to take the Professional Training course with no more than 3 credits of a specialized course, or 3 credits of the BSc project course, or 2 credits of a practical course, or 2 credits of a specialized course along with one-credit of a practical course,
6. Specific conditions, such as studying two programs simultaneously, does not increase the number of technical course credits required for enrollment in the Professional Training course,
7. The minimum period of time for the Professional Training course is 240 hours of work,
8. The assessment and evaluation of the Professional Training course are descriptive and are based on the following table;

Grade point	17.0–20.0	14.0–16.9	12.0–13.9	10.0–11.9	0–9.9
Description	P-EX	P-VG	P-G	P-MR	F

9. Submission of the score through the SUT education website is the responsibility of the course instructor,
10. If the student fails to submit the form for the Professional Training course by the deadline to receive a referral letter (even if the online registration is completed), the course is labeled as an ‘unacceptable’ and the score of “F” is recorded for the course; the student must take the course for another semester,
11. The SUTIC Professional Training course instructor must submit a copy of the work report for 240 hours or “training certificate” to the Office of Training course for archiving in the academic records of the student,
12. In the event of failure to observe the deadline for score submission or timely delivery of the 240-hours Professional Training certificate to the SUTIC Professional Training Office, the score of “F” is recorded for the course in that semester. The obtained score will be added in another semester in which the enrollment for the course is conducted by the SUTIC Academic Department,
13. The place for Professional Training cannot be changed after receiving the referral letter. In an exceptional case, it may be changed with the written approval of the Professional Training course instructor,

14. The referral letter for Professional Training must be organized by the Professional Training Office in coordination with the SUTIC Academic Department; the academic group is not allowed to issue a referral letter for the Professional Training course,
15. The place of the Professional Training course must be in Iran and outside the campus,
16. The Professional Training course cannot be in a pure academic–research environment,
17. The efficiency of the selected place for the Professional Training course must be approved by the SUTIC Professional Training Office,
18. No change of the place for the Professional Training **can be made** after the submission of the form to the Office of Professional Training,

**Note.** If the place of Professional Training is closed down and causes a serious problem for the Professional Training course, the student must drop the course or change the place of Professional Training with the approval of the SUTIC Professional Training Office,

19. In the case of any problem in completing the Professional Training course, the student must inform the SUTIC Professional Training Office through a written notice.

**Table 1.** Timetable of the Professional Training course

Activity	1 <sup>st</sup> semester	2 <sup>nd</sup> semester	Summer semester
Submission of the Professional Training form to the SUTIC Training instructor	Aug 6 <sup>th</sup> to registration date	Jan 5 <sup>th</sup> to registration date	Apr 30 <sup>th</sup> to May 31 <sup>st</sup>
Submission of the professional Training form to the SUTIC Academic Department by the SUTIC training instructor	Last day of the BSc registration	Last day of the BSc registration	June 10 <sup>th</sup>
Deadline for receiving referral letter from the SUTIC training instructor	One-week after BSc registration	One-week after BSc registration	July 6 <sup>th</sup>
Duration of Professional Training	Semester commencement to Jan 5 <sup>th</sup>	Semester commencement to May 22 <sup>nd</sup>	July 6 <sup>th</sup> to Sep 11 <sup>th</sup>
Submission of Professional Training report, certificate and weekly report to the SUTIC training instructor	Jan 10 <sup>th</sup>	May 23 <sup>rd</sup>	Sep 16 <sup>th</sup>
Deadline for submission of certificate and report to the SUTIC Training Office by the instructor	Jan 24 <sup>th</sup>	June 14 <sup>th</sup>	Oct 2 <sup>nd</sup>
Deadline for submission of the score through the SUT education website	Jan 30 <sup>th</sup>	June 22 <sup>nd</sup>	Oct 22 <sup>nd</sup>

# Appendix 3

## Instructions for Administration of Final Exams

Rules and regulations pertaining to final exams (administration of and absence from the exams) approved by the SUT Academic Council on May 1<sup>st</sup>, 2004 and Aug. 28<sup>th</sup>, 2004 are as follows:

### Rules and Regulations of Final Exams

1. The final exams are held on the announced dates on the **exam calendar**,
2. Students must have an **original student card** in the final exams,
3. The students must be present at the session **15 minutes** before the exam starts,
4. **Penalties** for cheating in examinations are severe, examples of cheating are as follows;
  - 4.1. Fake student card or a copy of the card,
  - 4.2. Using any written notes, handouts, books which are not permitted in the session,
  - 4.3. Exchanging notes with other students,
  - 4.4. Exchanging stationary without previously coordinating with the exam proctors,
  - 4.5. Using a cell phone for any reason; all cell phones must be turned off during the exam,
  - 4.6. Looking at other students' papers and answer sheets or showing other students your papers,
  - 4.7. Writing notes on hands, arms, legs, chairs or benches,
  - 4.8. Disturbing the order of the examination, sitting in the incorrect seat, and any dispute with the proctors,
  - 4.9. Leaving or returning to the exam session without permission,
  - 4.10. Sending someone else to take the exam for the student.

Some penalties for cheating at the examination as determined by the Disciplinary Committee and the SUTIC Academic Department are as follows:

1. Label the course with "D" in the transcript indicating "Dishonesty",
2. Reduction of the score by the instructor and an official report in the student's academic records,
3. Being deprived of registration for a semester,
4. Dismissal from the campus.

No difference is recognized for cheating at examinations of general, core and technical courses.

### Instructions for a medical absence at the final examinations

1. The student must participate in a final exam for their registered courses,
2. An unacceptable absence leads to the score of zero for the course,
3. The SUTIC Academic Council will evaluate the acceptability of the absence,
4. If the absence is recognized as acceptable, the course is labeled as “W” (Withdrawn) in the transcripts and the student is not allowed/required to take the exam,
5. If the withdrawn course (due to a medical absence in the examinations) causes the number of course credits to fall below the expected number the semester is considered as part of the duration of studies, and if the student obtains probation for unacceptable performance the probation is recorded in the student’s transcripts,
6. In the case of health problems and illness, the student must approach the SUTIC Health Centre before the exam,
7. If the student has any medical leave letter from a physician outside the university, the student must approach the SUTIC Health Centre while the symptoms of the illness are still present to be examined. Only a letter of medical leave issued by the SUTIC Health Centre will be evaluated for acceptability,
8. If the student feels unwell during the exam, he/she must be immediately taken to the SUTIC Health Centre by a proctor. The SUTIC physician decides on the condition of the student and his/her ability to return to the exam session,
9. If the student is hospitalized during the exam period, medical documents must be submitted to the SUTIC Health Centre upon their discharge,
10. Conditions such as the common cold, gastroenteritis, headaches, and dizziness are not considered as acceptable medical conditions for withdrawal,
11. If the student is present at the exam session there is no possibility of medical withdrawal from the course after the exam,
12. Request for the semester withdrawal is considered only if the student does not participate in any of the final exams.



# Appendix 4

## Instructions on a Change of Program (Field of study or Discipline)

The student is allowed to change their program once (field of study or discipline) during the course of a Bachelor Degree at SUTIC.

1. The student with the following requirements together with the approval of the Academic Groups, SUTIC Academic Council, and Special Cases Committee can change their field or discipline of study provided that:
  - 1.1. The program is available at SUTIC,
  - 1.2. The student's academic performance is adequate to continue study in the previous program,
  - 1.3. The student meets the conditions to be admitted into the new field or discipline,
  - 1.4. A minimum of 24 and a maximum of 96 course credits have been completed in the previous field or discipline,
  - 1.5. The duration of studies allows for the change in the field or discipline.

**Note 1.** A request for a program change is accepted if the student's CGPA for the last two consecutive semesters of studies in the previous field is no lower than 16.0 out of 20; the student must also receive the approval of the new academic group to be allowed as a guest in the new field for two semesters and obtain a CGPA of no lower than 16.0 to meet the requirements of that academic group.

**Note 2.** The student who is a guest in the new field of study for two semesters must pay the tuition fee for the registered courses; the courses and scores are included in the transcripts of the student,

**Note 3.** The student can be a guest in the new field for only two semesters, and a third guest request will be rejected.

**Note 4.** The program change for students who are affiliated with and committed to a specific executive organization is subject to all the conditions in this appendix and the approval of the executive organization,

**Note 5.** The program change to a new field or discipline with special requirements is subject to meeting the requirements of those fields and disciplines,

**Note 6.** The student can change their field only once during the course of the BSc program.

2. A change of field is allowed only between programs of similar academic levels.
3. Upon approval, the student must register in the new program immediately and is not allowed to return to the previous program.
4. The courses that have been passed by the student in the first program are transferred to the new program by the new academic group if the contents are similar with those of the new program and if the passed scores are no lower than 12.0 out of 20.

**Note 1.** Both accepted and unaccepted courses remain on the student's transcripts and are included in the CGPA.

**Note 2.** If the number of accepted courses is less than the expected number of courses that must be taken by the student to complete the study within the permitted duration, the request will be rejected.

# Appendix 5

## Instructions for Course Transfer (Transfer, Withdraw and Program-change students)

Transfer student courses passed at other universities and academic institutions can be accepted by SUTIC if the transferred courses are approved by the SUTIC Academic Council and the SUT Special Cases Committee based on the rules and regulations of SUT. The accepted courses are labeled as 'CR' in the transcripts. The ceiling for the number of accepted credits is 40% of the total credits of the academic program.

### Courses of transfer students from domestic universities (excluding SUT and its campuses)

1. The core and technical courses whose scores are no lower than 12.0 out of 20 from state universities (with the title of regular programs) are considered and labeled as 'CR'.
2. The general courses which are approved by the SUTIC Academic Council are labeled as 'CR' if the score is no lower than 10.0 out of 20.
3. The student is not allowed to retake the 'CR' courses.
4. A semester is deducted from the total duration of studies for every 20 transferred credits.

### Courses of transfer students from foreign universities

1. Submission of a transcript certified by the Iranian Embassy in the country of origin to the SUTIC Academic Council is required.
2. The transcript is evaluated by the academic group to initially indicate the transferrable courses. The final transferred courses are determined by the SUTIC Academic Council and the SUT Special Cases Committee.
3. The scores of accepted courses are labeled as 'CR' in the transcripts.
4. A semester is deducted from the total duration of studies for every 20 transferred credits.

### Courses of graduated, withdrawn and dismissed students

1. The courses of students from SUT and its campuses with the scores no lower than 10.0 out of 20 are added to the transcripts without exceptions.
2. The courses of students from state universities (with the title of regular programs) whose scores are no lower than 12.0 out of 20 are labeled as 'CR'.

3. The general courses of students from other universities whose scores are no lower than 12.0 out of 20 are labeled as 'CR'.

#### Courses of program-changed students

The new academic group evaluates the courses passed by the student in the previous program, and if the contents are similar to those of the new program they can be transferred. The accepted courses appear in the transcripts and are included in the CGPA. For more details see Appendix 4.

**Appendix 6.**

**BSc Programs  
at SUTIC**

# Aerospace Engineering Department

## BSc Program

# SUTIC

## School of Science and Engineering

1 <sup>st</sup> Semester *				2 <sup>nd</sup> Semester				1 <sup>st</sup> Summer			
Code	Courses	Cr.	Type	Code	Courses	Cr.	Type	Code	Courses	Cr.	Type
50015	General Mathematics 1	4	F	50016	General Mathematics 2	4	F				
50011	Physics 1	3	F	50012	Physics 2	3	F				
50013	Physics Lab 1	1	F	50014	Physics Lab 2	1	F				
50018	General Workshop	1	F	52153	Computer Programming	3	F				
50311	Engineering Graphics I	2	C	65112	Statics	3	C				
50991	Persian Literature	3	G	65132	Introduction to Aerospace	2	C				
50667	General English Language	3	G	50002	Physical Education 2	1	G				
50001	Physical Education 1	1	G	50669	English Oral Communication	2	E				
	<b>Total</b>	<b>18</b>			<b>Total</b>	<b>19</b>			<b>Total</b>		
3 <sup>rd</sup> Semester				4 <sup>th</sup> Semester				2 <sup>nd</sup> Summer			
Code	Courses	Cr.	Type	Code	Courses	Cr.	Type	Code	Courses	Cr.	Type
50034	Differential Equations	3	F	50071	Numerical Computations	2	F	58107	Weld sheet workshop	1	C
65113	Dynamics	4	C	50035	Engineering Mathematics	3	F				
65133	Strength of Materials 1	3	C	65134	Thermodynamics 1	3	C				
65124	Fluid Mechanics 1	3	C	65041	Structures Lab	1	C				
55091	Fund. Elec. Engineering 1	3	C	65115	Aerodynamics 1	3	C				
65030	Aero Robot Workshop 1	1	C	65407	Orbital Mechanics	3	C				
50445	Islamic Ideology 1	2	G	50668	English Technical Writing	2	E				
50510	Family & Popul. Planning	0	G		General Course	2	G				
	<b>Total</b>	<b>19</b>			<b>Total</b>	<b>19</b>			<b>Total</b>	<b>1</b>	
5 <sup>th</sup> Semester				6 <sup>th</sup> Semester				3 <sup>rd</sup> Summer			
Code	Courses	Cr.	Type	Code	Courses	Cr.	Type	Code	Courses	Cr.	Type
65144	Vibrations	3	C	65135	Automatic Control	3	C	65400	Practical Training	0	C
65126	Heat Transfer 1	3	C	50063	Engineering Statistics	3	F				
58702	Thermodynamics Lab	1	C	65117	Propulsion Principles	3	C				
65125	Thermodynamics 2	3	C	65156	Flight Dynamics 1	3	C				
65116	Aerodynamics 2	3	C		Computer-based Course	3	O				
65136	Aircraft Structural Analysis	3	C	65050	Aerodynamics Lab 1	1	C				
65070	Engine Workshop 1	1	C	65081	Airframe Workshop	1	C				
	General Course	2	G								
	<b>Total</b>	<b>19</b>			<b>Total</b>	<b>17</b>			<b>Total</b>	<b>0</b>	
7 <sup>th</sup> Semester				8 <sup>th</sup> Semester				4 <sup>th</sup> Summer			
Code	Courses	Cr.	Type	Code	Courses	Cr.	Type	Code	Courses	Cr.	Type
65500	Project	3	C	65415	Materials & Constr. Methods	3	C				
65157	Flight Dynamics 2	3	C		Design-based Course	3	O				
65177	Aircraft Design 1	3	C		Optional Course	3	O				
65071	Engine Workshop 2	1	C		Optional Course	2	O				
	Design-based Course	3	O		Optional Course	2	O				
	General Course	2	G		General Course	2	G				
	General Course	2	G								
	<b>Total</b>	<b>17</b>			<b>Total</b>	<b>15</b>			<b>Total</b>		

\* Students must take the **compensation courses**, including the 'Kish compensation English proficiency' courses 1 and 2, 'pre-physics', and 'pre-mathematics' in the first two semesters of the program.

\* Students must take the **compulsory courses** of 'English Technical Writing' and 'Oral Communication in English' in the first two years of the program.

**Aerospace Engineering Department**  
**BSc Program**

**SUTIC**

**School of Science and Engineering**

No.	Fundamental Courses	Code	Cr.
1	General Mathematics 1	50015	4
2	General Mathematics 2	50016	4
3	Differential Equations	50034	3
4	Physics 1	50011	3
5	Physics 2	50012	3
6	Physics Lab 1	50013	1
7	Physics Lab 2	50014	1
8	Engineering Graphics I	50311	2
9	General Workshop	50018	1
10	Computer Programming	52153	3

No.	Optional Courses	Code	Cr.
1	Composite Materials	65401	3
2	Helicopter Aerodynamics	65402	3
3	Viscous Flow	65405	3
4	Fuel & Combustion	65409	3
5	Avionics	65419	3
6	Machine Design 1	65427	3
7	Space Eng. Principles	65429	3
8	Rocket Principles	65410	3
9	Precision Instrument 1	65416	3

No.	Workshop Courses (4)	Code	Cr.
1	Aero Robotic Workshop 1	65030	1
2	Engine Workshop 1	65070	1
3	Engine Workshop 2	65071	1
4	Airframe Workshop	65081	1
5	Instrumentation Workshop	65080	1
6	Control System Lab.	65085	1

No.	Computer-based Courses (1)	Code	Cr.
1	Computer Based Course (CAD 1)	65145	3
2	Introduction to CFD	65406	3
3	Introductory Finite Elements	65418	3

No.	Design-based Courses (2)	Code	Cr.
1	A/C Structural Design	65137	3
2	Aircraft Design 2	65118	3
3	Aero Gas Turbo Eng. Design	65431	3
4	Introductory Missile Design	65425	3

No.	Compulsory Course	Code	Cr.
1	Engineering Mathematics	50035	3
2	Fund. Elec. Engineering 1	55091	3
3	Numerical Computations	50071	2
4	Statics	65112	3
5	Dynamics	65113	4
6	Strength of Materials 1	65133	3
7	Structures Lab	65041	1
8	Thermodynamics 1	65134	3
9	Thermodynamics Lab	58702	1
10	Fluid Mechanics 1	65124	3
11	Computer Based Course	65145	3
12	Heat Transfer 1	65126	3
13	Vibrations	65144	3
14	Automatic Control	65135	3
15	Engineering Statistics	50063	3
16	Introduction to Aerospace	65132	3
17	Aerodynamics 1	65115	3
18	Aerodynamics 2	65116	3
19	Aerodynamics Lab 1	65050	1
20	Flight Dynamics 1	65156	3
21	Flight Dynamics 2	65157	3
22	Aircraft Structural Analysis	65136	3
23	Aircraft Design 1	65177	3
24	Propulsion Principles	65117	3
25	Orbital Mechanics	65407	3
26	Thermodynamics 2	65125	3
27	Project	65500	3
28	Practical Training	65400	0

No.	Compulsory English Courses	Code	Cr.
1	English Technical Writing	50668	2
2	Oral Communication in English	50669	2

No.	BSc Courses	Code	Cr.
1	General courses	<b>G</b>	20
2	Fundamental courses	<b>F</b>	25
3	Compulsory courses	<b>C</b>	74
4	Optional/Comp/Design courses	<b>O</b>	21
5	Compulsory English courses	<b>E</b>	4
	<b>Total</b>		<b>144</b>

**Civil Engineering Department**  
**BSc Program**

**SUTIC**  
**School of Science and Engineering**

1 <sup>st</sup> Semester *				2 <sup>nd</sup> Semester				1 <sup>st</sup> Summer			
Code	Courses	Cr.	Type	Code	Courses	Cr.	Type	Code	Courses	Cr.	Type
50311	Engineering Graphics I	2	F	53011	Statics	3	C				
50015	General Mathematics I	4	F	50016	General Mathematics II	4	F				
50011	Physics I	3	F	50012	Physics II	3	F				
50019	Chemistry	3	F	50013	Physics I Laboratory	1	F				
50667	General English	3	G	52153	Computer Programming	3	F				
50001	Physical Training I	1	G	50669	English Oral Communication	2	E				
				50002	Physical Training II	1	G				
					General Course	2	G				
	<b>Total</b>	<b>16</b>			<b>Total</b>	<b>19</b>			<b>Total</b>		
3 <sup>rd</sup> Semester				4 <sup>th</sup> Semester				2 <sup>nd</sup> Summer			
Code	Courses	Cr.	Type	Code	Courses	Cr.	Type	Code	Courses	Cr.	Type
53111	Solid Mechanics I	3	C	53121	Theory of Structures I	3	C	53101	Solid Mechanics Lab.	1	C
53012	Dynamics	3	C	53208	Materials & Concrete Tech.	3	C	50020	Chemistry Laboratory	1	F
50063	Statistics and Probability	3	F	53615	Fluid Mechanics	3	C	53513	Surveying	2	C
50034	Differential Equations	3	F	53629	Hydrology	2	C				
50018	General Workshop	1	F	53323	Architectural Designs	2	C				
53451	Geology	2	C	50072	Numerical Computation	3	F				
50668	English Technical Writing	2	E	50991	Persian Literature	3	G				
	General Course	2	G	50510	Family & Popul. Planning	0	G				
	<b>Total</b>	<b>19</b>			<b>Total</b>	<b>19</b>			<b>Total</b>	<b>4</b>	
5 <sup>th</sup> Semester				6 <sup>th</sup> Semester				3 <sup>rd</sup> Summer			
Code	Courses	Cr.	Type	Code	Courses	Cr.	Type	Code	Courses	Cr.	Type
53013	Theory of Structures II	2	C		Optional Specialized Course	3	O	53401	Soil Mechanics lab.	1	C
53221	Design of Steel Structures I	3	C	53224	Design of Steel Structures II	2	C	53601	Hydraulics Lab.	1	C
53231	Design of Concrete Struct. I	3	C	53017	Design of Concrete Struct. II	2	C				
53209	Loading	1	C	53120	Traffic Engineering	3	C				
53611	Hydraulics	3	C	53669	Environmental Engineering	3	C				
53411	Soil Mechanics	3	C	53436	Pavement Design and Lab.	3	C				
	Optional Non-special. Course	3	N		General Course	2	G				
	General Course	2	G								
	<b>Total</b>	<b>20</b>			<b>Total</b>	<b>18</b>			<b>Total</b>	<b>2</b>	
7 <sup>th</sup> Semester				8 <sup>th</sup> Semester				4 <sup>th</sup> Summer			
Code	Courses	Cr.	Type	Code	Courses	Cr.	Type	Code	Courses	Cr.	Type
	Optional Specialized Course	2	O		Optional Specialized Course	3	O				
53240	Steel Structures Project	1	C		Optional Specialized Course	3	O				
53250	Concrete Structures Project	1	C	53752	Practical Training	0	C				
53311	Construction Machinery	3	C	53427	Traffic Engineering Project	1	C				
53309	Construction & Project Manag.	3	C	53621	Water & Wastewater Eng.	3	C				
53413	Foundation Engineering	3	C		General Course	2	G				
	General Course	2	G								
	<b>Total</b>	<b>15</b>			<b>Total</b>	<b>12</b>			<b>Total</b>		

\* Students must take the **compensation courses**, including the 'Kish compensation English proficiency' courses 1 and 2, 'pre-physics', and 'pre-mathematics' in the first two semesters of the program.

\* Students must take the **compulsory courses** of 'English Technical Writing' and 'Oral Communication in English' in the first two years of the program.



**Civil Engineering Department**  
**BSc Program**

**SUTIC**

**School of Science and Engineering**

No.	Fundamental Courses	Code	Cr.
1	General Mathematics 1	50015	4
2	General Mathematics 2	50016	4
3	Differential Equations	50034	3
4	Physics 1	50011	3
5	Physics 2	50012	3
6	Physics Lab 1	50013	1
7	Physics Lab 2	50014	1
8	Chemistry Lab	50020	1
9	General Chemistry	50019	3
10	Numerical Computation	50072	3
11	Computer Programming	52153	3
12	Statistics and Probability	50063	3
13	General Workshop	50018	1
14	Civil Engineering Graphics	50312	2
15	Engineering Graphics 1	50311	2

No.	Optional Courses	Code	Cr.
1	Fundamentals of Earthquake Eng.	53164	3
2	System Engineering	53191	2
3	Engineering Economy	53197	3
4	Const. of Steel & Concrete Struct.	53245	2
5	Technical English for Civil Eng.	53718	2
6	BSc Project	53810	3
7	Solid Mechanics 2	53112	3
8	Transportation Engineering	53433	3
9	Traffic Engineering	53435	3
10	Matrix Analysis of Structures	53129	3
11	Const. Project Control & Manag.	53333	3
12	Surveying 2	53512	2
13	Groundwater	53655	2
14	Water Transmission Sys. Project	53992	1
15	Soil Mechanics 2	53402	3
16	Introductory Finite Elements	65418	3
17	Advanced Solid Mechanics	53918	3
18	Airport Design	53423	3
19	Design of Seismic Resistant Struct.	53166	3
20	Bridge Design	53251	3
21	Advanced Design of Concr. Struct.	53236	3
22	Design and Analysis of Tunnel	53447	3
23	Foundation Project	53404	1
24	Computer Aided Civil Engineering	53350	3
25	Water and Wastewater Treatment	53605	2
26	Hydrology Project	53889	1
27	Hydraulics Project	53912	1
28	Pavement Design Project	53991	1
29	Post-tensioned Concrete Structs.	-	3

No.	Compulsory Course	Code	Cr.
1	Statics	53011	3
2	Surveying 1	53513	2
3	Dynamics	53012	3
4	Solid Mechanics 1	53111	3
5	Geology	53451	2
6	Fluid Mechanics	53615	3
7	Const. Materials & Concrete Tech.	53208	3
8	Engineering Hydrology	53629	2
9	Hydraulics	53611	3
10	Soil Mechanics	53411	3
11	Solid Mechanics Lab	53101	1
12	Architectural Design	53323	2
13	Hydraulics Lab	53601	1
14	Soil Mechanics Lab	53401	1
15	Environmental Engineering	53669	3
16	Theory of Structures 1	53121	3
17	Design of Steel Structures 1	53221	3
18	Design of Concrete Structures 1	53231	3
19	Theory of Structures 2	53013	2
20	Waste Water Management Eng.	53621	3
21	Design of Steel Structures 2	53224	2
22	Design of Concrete Structures 2	53017	2
23	Loading	53209	1
24	Traffic Engineering	53120	3
25	Construction Machinery	53311	3
26	Water Transmission Systems	53602	2
27	Project Estimation and Contracts	53310	1
28	Const. & Project Management	53309	3
29	Steel Structures Project	53240	1
30	Concrete Structures Project	53250	1
31	Foundation Engineering	53413	3
32	Pavement Design and Lab	53436	3
33	Traffic Engineering Project	53427	1
34	Practical Training	53752	0

No.	Compulsory English Courses	Code	Cr.
1	English Technical Writing	50668	2
2	Oral Communication in English	50669	2

No.	BSc Courses	Code	Cr.
1	General courses	<b>G</b>	20
2	Fundamental courses	<b>F</b>	29
3	Compulsory courses	<b>C</b>	72
4	Optional courses	<b>O</b>	19
5	Compulsory English courses	<b>E</b>	4
	<b>Total</b>		<b>144</b>



**Computer Engineering Department**  
**BSc Program**

**SUTIC**

**School of Science and Engineering**

No.	Fundamental Courses	Code	Cr.
1	General Mathematics 1	50015	4
2	General Mathematics 2	50016	4
3	Differential Equations	50034	3
4	Physics 1	50011	3
5	Physics 2	50012	3
6	Physics Lab 1	50013	1
7	Physics Lab 2	50014	1
8	General Chemistry	50019	3
9	Numerical Computation	50071	2
10	Computer Programming	52153	3

No.	Compulsory Course	Code	Cr.
1	Engineering Mathematics	50035	3
2	Statistics and Probability	50063	3
3	Computer Architecture Lab	52103	1
4	Computer Workshop	52108	1
5	Discrete Structures	52115	3
6	Electrical Circuits	52121	3
7	Computer Language &	52126	3
8	Digital System Design Lab	52203	1
9	Logic Design Lab	52206	1
10	Logic Design	52212	3
11	Digital System Design	52223	3
12	Signals & Systems	52242	3
13	Advanced Computer	52244	3
14	Data Structures & Algorithm	52254	3
15	Internet Engineering	52317	3
16	Computer Architecture	52323	3
17	Multi-media Systems	52342	3
18	Design of Algorithms	52354	3
19	Data Base Design	52384	3
20	Computer Networks Lab	52416	1
21	Systems Analysis & Design	52418	3
22	Operating Systems	52424	3
23	Project Management	52428	3
24	E- Commerce	52438	3
25	IT Training	52440	0
26	Computer Networks	52443	3
27	Strategic Planning & Manag.	52448	3
28	Information Technology	52467	3
29	Software Engineering	52474	3
30	IT Project	52750	3
31	Computer Architecture Lab	52103	1

No.	Optional Courses	Code	Cr.
1	Technical English for Computer	52312	3
2	Advanced Information Retrieval	52324	3
3	Data Transmission	52343	3
4	Theory of Machine & Language	52415	3
5	Artificial Intelligence	52417	3
6	Network Security	52442	3
7	Management Information	52464	3
8	Object Oriented System Design	52484	3
9	One course from MSc program		
10	One course from other Groups		

No.	Compulsory English Courses	Code	Cr.
1	English Technical Writing	50668	2
2	Oral Communication in English	50669	2

No.	BSc Courses	Code	Cr.
1	General courses	<b>G</b>	20
2	Fundamental courses	<b>F</b>	27
3	Compulsory courses	<b>C</b>	80
4	Optional courses	<b>O</b>	13
5	Compulsory English courses	<b>E</b>	4
	<b>Total</b>		<b>144</b>

**Industrial Engineering Department**  
**BSc Program**

**SUTIC**  
**School of Science and Engineering**

1 <sup>st</sup> Semester *				2 <sup>nd</sup> Semester				1 <sup>st</sup> Summer			
Code	Courses	Cr.	Type	Code	Courses	Cr.	Type	Code	Courses	Cr.	Type
50015	General Mathematics 1	4	F	50016	General Mathematics 2	4	F				
50011	Physics 1	3	F	50012	Physics 2	3	F				
50013	Physics Lab 1	1	F	50014	Physics Lab 2	1	F				
50667	General English	3	G	58065	Statics & Strength of Mater.	3	C				
52153	Computer Programming	3	F	58107	Weld / Sheet Workshop	1	F				
58108	Machine Tools Workshop	1	F	50311	Engineering Graphics 1	2	F				
51810	Computer Lab	1	F	50669	English Oral Communication	2	E				
50991	Persian Literature	3	G	50002	Physical Education 2	1	G				
50001	Physical Education 1	1	G		General Course	2	G				
	<b>Total</b>	<b>20</b>			<b>Total</b>	<b>19</b>			<b>Total</b>		
3 <sup>rd</sup> Semester				4 <sup>th</sup> Semester				2 <sup>nd</sup> Summer			
Code	Courses	Cr.	Type	Code	Courses	Cr.	Type	Code	Courses	Cr.	Type
51011	Probability & Applications	3	C	51131	Engineering Economy	3	C				
50258	Introduction to Linear Algebra	3	C	51012	Engineering Statistics	3	C				
51114	General Economics 1	2	C	51711	Operations Research 1	4	C				
50034	Differential Equations	3	F	57021	Materials Science	3	F				
50511	Engineering Graphics 2	2	C	51115	General Economics 2	2	C				
50668	English Technical Writing	2	C	55091	Fund. of Electrical Eng. 1	3	F				
	General course	2	G	59996	Industrial Technical Lang.	2	C				
	<b>Total</b>	<b>17</b>			<b>Total</b>	<b>20</b>			<b>Total</b>		
5 <sup>th</sup> Semester				6 <sup>th</sup> Semester				3 <sup>rd</sup> Summer			
Code	Courses	Cr.	Type	Code	Courses	Cr.	Type	Code	Courses	Cr.	Type
51512	Production & Inven. Control 1	3	C	51774	Computer Information System	3	C	51980	Practical Training	0	C
51451	Motion & Time Study	3	C	51521	Quality Control	3	C				
51418	Manufacturing Process 1	3	C	51612	Plant Layout	3	C				
51633	Basic Management	3	C	51532	Project Control	3	C				
51321	Basic & Cost Acct	3	C		Optional Course	3	O				
	General course	2	G		General course	2	G				
	General course	2	G	50510	Family Plan & Population	0	G				
	<b>Total</b>	<b>19</b>			<b>Total</b>	<b>17</b>			<b>Total</b>	<b>0</b>	
7 <sup>th</sup> Semester				8 <sup>th</sup> Semester				4 <sup>th</sup> Summer			
Code	Courses	Cr.	Type	Code	Courses	Cr.	Type	Code	Courses	Cr.	Type
51712	Operations Research 2	4	C		Optional Course	3	O				
51972	Manag. Inf. & Control Sys.	3	C		Optional Course	3	O				
51900	BSc Project	3	C		Optional Course	3	O				
	Optional Course	3	O		Optional Course	3	O				
	Optional Course	3	O		Optional Course	2	O				
	General course	2	G								
	<b>Total</b>	<b>18</b>			<b>Total</b>	<b>14</b>			<b>Total</b>		

\* Students must take the **compensation courses**, including the 'Kish compensation English proficiency' courses 1 and 2, 'pre-physics', and 'pre-mathematics' in the first two semesters of the program.

\* Students must take the **compulsory courses** of 'English Technical Writing' and 'Oral Communication in English' in the first two years of the program.

# Industrial Engineering Department

## BSc Program

# SUTIC

## School of Science and Engineering

No.	Fundamental Courses	Code	Cr.
1	General Mathematics 1	50015	4
2	General Mathematics 2	50016	4
3	Differential Equations	50034	3
4	Physics 1	50011	3
5	Physics 2	50012	3
6	Physics Lab 1	50013	1
7	Physics Lab 2	50014	1
8	Introduction to Linear Algebra	50258	3
9	Engineering Graphics 1	50311	2
10	Engineering Graphics 2	50511	2
11	General Workshop	50018	1
12	Weld / Sheet Workshop	58107	1
13	Computer Programming	52153	3
14	Fund. of Electrical Eng. 1	55091	3
15	Statics & Strength of Mater.	58065	3
16	Materials Science	57021	3

No.	Optional Courses	Code	Cr.
1	Regression Analysis	51142	3
2	Decision Making	51138	3
3	Financial Management	51231	2
4	Manufacturing Process Lab	51410	1
5	Manufacturing Process 2	51416	3
6	Advanced Manufacturing Process	51422	3
7	Ergonomy Lab	51450	1
8	Wage & Salary Systems	51461	3
9	Human Factor Eng.	51455	3
10	Prod. & Inven. Control 2	51513	3
11	Production Planning	51514	3
12	Maintenance Plan	51524	3
13	Quality Management	51523	3
14	Automation	51541	3
15	Principal Marketing Study	51622	3
16	Industrial Feasibility Study	51640	3
17	Probability Models & Queuing	51742	3
18	Transportation Planning	51761	3
19	Computer Programming: C	51814	3
20	Fund. of Computer Simulation	51942	3
21	System Analysis 1	51981	3
22	Auto Workshop	50013	1
23	Simulationorkshop	50082	1
24	Planning & Development	51423	3
25	One course from other departments		3

No.	Compulsory Course	Code	Cr.
1	Probability & Applications	51011	3
2	Engineering Statistics	51012	3
3	General Economics 1	51114	2
4	General Economics 2	51115	2
5	Engineering Economy	51131	3
6	Basic & Cost Acct	51321	3
7	Manufacturing Process 1	51418	3
8	Motion & Time Study	51451	3
9	Production & Inven. Control 1	51512	3
10	Quality Control	51521	3
11	Project Control	51532	3
12	Plant Layout	51612	3
13	Basic Management	51633	3
14	Operations Research 1	51711	4
15	Operations Research 2	51712	4
16	Computer Information System	51774	3
17	Computer Lab	51810	1
18	BSc Project	51900	3
19	Manag. Inf. & Control Sys.	51972	3
20	Practical Training	51980	0
21	Industrial Technical Lang.	59996	2

No.	Compulsory English Courses	Code	Cr.
1	English Technical Writing	50668	2
2	Oral Communication in English	50669	2

No.	BSc Courses	Code	Cr.
1	General courses	<b>G</b>	20
2	Fundamental courses	<b>F</b>	40
3	Compulsory courses	<b>C</b>	57
4	Optional courses	<b>O</b>	23
5	Compulsory English courses	<b>E</b>	4
	<b>Total</b>		<b>144</b>

# Mechanical Engineering Department

## BSc Program

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## School of Science and Engineering

1 <sup>st</sup> Semester *				2 <sup>nd</sup> Semester				1 <sup>st</sup> Summer			
Code	Courses	Cr.	Type	Code	Courses	Cr.	Type	Code	Courses	Cr.	Type
50015	General Mathematics 1	4	F	50016	General Mathematics 2	4	F				
50011	Physics 1	3	F	50012	Physics 2	3	F				
50013	Physics Lab 1	1	F	50014	Physics Lab 2	1	F				
52153	Computer Programming	3	F	50019	General chemistry 1	3	F				
50511	Engineering Graphics 1	2	C	50991	Persian Literature	3	G				
50001	Physical Education 1	1	G	50510	Family Plan & Population	0	G				
	General Course	2	G		General Course	2	G				
	<b>Total</b>	<b>16</b>			<b>Total</b>	<b>16</b>			<b>Total</b>		
3 <sup>rd</sup> Semester				4 <sup>th</sup> Semester				2 <sup>nd</sup> Summer			
Code	Courses	Cr.	Type	Code	Courses	Cr.	Type	Code	Courses	Cr.	Type
58861	Material Science	3	C	58035	Engineering Mathematics	3	C	58107	Weld sheet workshop	1	C
58065	Statics	3	C	58567	Dynamics	4	C				
50034	Differential Equations	3	F	58111	Thermodynamics 1	3	C				
58108	Machinery Tool Workshop	1	C	58262	Strength of Materials 1	2	C				
50667	General English	3	G	58465	Fluid Mechanics 1	3	C				
50002	Physical Education 2	1	G	50668	Oral Communication English	2	E				
	General Course	2	G		General Course	2	G				
	<b>Total</b>	<b>16</b>			<b>Total</b>	<b>19</b>			<b>Total</b>	<b>1</b>	
5 <sup>th</sup> Semester				6 <sup>th</sup> Semester				3 <sup>rd</sup> Summer			
Code	Courses	Cr.	Type	Code	Courses	Cr.	Type	Code	Courses	Cr.	Type
58163	Heat Transfer 1	3	C	58112	Thermodynamics 2	3	C	58920	Training 1	0	C
55091	Fund. of Electrical Eng. 1	3	C	58412	Fluid Mechanics 2	3	C	58105	Thermo. Lab	1	C
50071	Numerical Computation	2	F	58564	Vibrations	3	C	58401	Fluid Mech. Lab	1	C
50511	Engineering Graphics 2	2	C	58251	Strength of Materials 2	3	C				
	Technical Writing in English	2	E	58161	Machine Element Design 1	3	C				
	Optional Course	3	O	55093	Fund. of Electrical Eng. 2	3	C				
	General Course	2	G		General Course	2	G				
	<b>Total</b>	<b>17</b>			<b>Total</b>	<b>20</b>			<b>Total</b>	<b>2</b>	
7 <sup>th</sup> Semester				8 <sup>th</sup> Semester				4 <sup>th</sup> Summer			
Code	Courses	Cr.	Type	Code	Courses	Cr.	Type	Code	Courses	Cr.	Type
58662	Machine Element Design 2	3	C	58114	Heat Transfer 2	3	C	58970	Training 2	0	C
58416	Automatic Control	3	C		Fund. of Electrical Eng. Lab	1	C	58708	Dynamics & Vib. Lab	1	C
58563	Dynamics of Machinery	3	C		Optional Course	3	O		AutoMech. Workshop	1	C
58569	Measurement & Control Sys.	2	C		Optional Course	3	O				
58900	BSc Project	3	C		Optional Course	3	O				
58201	Strength of Materials Lab	1	C		Optional Course	3	O				
	Optional Course	3	O		Optional Course	1	O				
	<b>Total</b>	<b>18</b>			<b>Total</b>	<b>17</b>			<b>Total</b>	<b>2</b>	

\* Students must take the **compensation courses**, including the 'Kish compensation English proficiency' courses 1 and 2, 'pre-physics', and 'pre-mathematics' in the first two semesters of the program.

\* Students must take the **compulsory courses** of 'English Technical Writing' and 'Oral Communication in English' in the first two years of the program.

# Mechanical Engineering Department

## BSc Program

# SUTIC

## School of Science and Engineering

No.	Fundamental Courses	Code	Cr.
1	General Mathematics 1	50015	4
2	General Mathematics 2	50016	4
3	Differential Equations	50034	3
4	Physics 1	50011	3
5	Physics 2	50012	3
6	Physics Lab 1	50013	1
7	Physics Lab 2	50014	1
8	General Chemistry	50019	3
9	Numerical Computation	50071	2
10	Computer Programming	52153	3

No.	Optional Courses	Code	Cr.
1	Technical Language in Mechanics	58871	2
2	Strength of Material 3	58265	3
3	Fracture, Fatigue & Creep	58831	3
4	Composite Materials	58218	3
5	Applied Finite Elements	58234	3
6	Computer Aided Design (CAD)	58675	3
7	Gas Turbine & Jet Engine	58178	3
8	Press Forming	58232	3
9	Pressure Vessels	58236	3
10	Engineering Design Methods	58672	3
11	Welding Theory	58969	2
12	Applied Electronics	58846	3
13	Robotics & Lab	58864	3
14	Robotics Laboratory	58231	1
15	Automatic Control Lab	58709	1
16	Intro. to Comp. Fluid Dynamics	58439	3
17	Design for Manufacturing	58533	3
18	Industrial Management & Economy	58761	2
19	Mechanisms Design	58663	3
20	Machine Tools Design	58667	3
21	Machine Maintenance	58242	2
22	Vehicle Structure Design	58244	3
23	Solar Energy 1	58137	3
24	Intro. to Oil & Gas Industry	58179	3
25	Refrigeration Systems	58173	3
26	Fuels & Combustion	58168	2
27	Bearing & Lubrication	58464	2
28	Engineering Ethics	58608	3
29	Heat Transfer Lab	58704	1
30	Thermal Power Plants	58166	3
31	Internal Combustion Engines	58164	3
32	Management & Project Control	58763	2
33	Heat Exchangers Design	58172	3
34	Water Transfer Systems	58467	3

No.	Compulsory Course	Code	Cr.
1	Engineering Graphics 1	50311	2
2	Statics	58261	3
3	Engineering Graphics 2	50511	2
4	Strength of Materials 1	58262	3
5	Dynamics	58567	4
6	Materials Science	58861	3
7	Engineering Mathematics	50035	3
8	Dynamics of Machinery	58512	3
9	Thermodynamics 1	58161	3
10	Fluid Mechanics 1	58461	3
11	Machine Element Design 1	58651	3
12	Strength of Materials 2	58263	2
13	Thermodynamics 2	58162	3
14	Fluid Mechanics 2	58462	3
15	Vibrations	58568	3
16	Machine Element Design 2	58654	3
17	Fundamental of Electrical Eng. 1	55091	3
18	Strength of Materials Lab	58701	1
19	Heat Transfer 1	58113	3
20	Automatic Control	58416	3
21	Thermodynamics Lab	58702	1
22	Fluid Mechanics Lab	58703	1
23	Dynamics & Vibration Lab	58708	1
24	Fundamental of Electrical Eng. 2	55093	3
25	Fund. of Electrical Eng. Lab	55007	1
26	Heat Transfer 2	58114	3
27	Measurement & Control System	58569	2
28	Machinery Tool Workshop	58108	1
29	Weld Sheet Workshop	58107	1
30	Auto Mechanics Workshop	53013	1
31	Training 1	58940	0
32	Training 2	58970	0
33	Project	58900	3

No.	Compulsory English Courses	Code	Cr.
1	English Technical Writing	50668	2
2	Oral Communication in English	50669	2

No.	BSc Courses	Code	Cr.
1	General courses	<b>G</b>	20
2	Fundamental courses	<b>F</b>	27
3	Compulsory courses	<b>C</b>	74
4	Optional courses	<b>O</b>	19
5	Compulsory English courses	<b>E</b>	4
	<b>Total</b>		<b>144</b>

# Materials Engineering Department

## BSc Program

# SUTIC

## School of Science and Engineering

1 <sup>st</sup> Semester *				2 <sup>nd</sup> Semester				1 <sup>st</sup> Summer			
Code	Courses	Cr.	Type	Code	Courses	Cr.	Type	Code	Courses	Cr.	Type
50015	General Mathematics 1	4	F	50016	General Mathematics 2	4	F				
50011	Physics 1	3	F	50012	Physics 2	3	F				
50013	Physics Lab 1	1	F	50014	Physics Lab 2	1	F				
50019	General Chemistry 1	3	F	58261	Statics	3	C				
50020	General Chemistry Lab 1	1	F	57012	Principle Materials Science	3	C				
50311	Engineering Graphics	2	F	50018	General Workshop	1	F				
50667	General English Language	3	G	50002	Physical Education 2	1	G				
50001	Physical Education 1	1	G		General Course	2	G				
	<b>Total</b>	<b>18</b>			<b>Total</b>	<b>18</b>			<b>Total</b>		
3 <sup>rd</sup> Semester				4 <sup>th</sup> Semester				2 <sup>nd</sup> Summer			
Code	Courses	Cr.	Type	Code	Courses	Cr.	Type	Code	Courses	Cr.	Type
50034	Differential Equations	3	F	50035	Engineering Mathematics	3	F				
55091	Fund. Electronics Eng. 1	3	C	52153	Computer Programming	3	F				
57014	Mechanics of Materials	3	C	57024	Mech. Property Materials	3	C				
57016	Crystal Diffraction	3	C	57026	Phys. Metallurgy 1	3	C				
57018	Phys. Chemistry Material	3	C	57027	Phys. Metallurgy Lab. 1	1	C				
50991	Persian Literature	3	G	57025	Mech. Property Lab.	1	C				
	General Course	2	G	57028	Materials Thermodynamics 1	3	C				
					General Course	2	G				
	<b>Total</b>	<b>20</b>			<b>Total</b>	<b>19</b>			<b>Total</b>		
5 <sup>th</sup> Semester				6 <sup>th</sup> Semester				3 <sup>rd</sup> Summer			
Code	Courses	Cr.	Type	Code	Courses	Cr.	Type	Code	Courses	Cr.	Type
57022	Transfer Phenomenon	3	C	57034	Principle of Polymer Eng.	3	C	57110	Practical Training	0	C
50071	Numerical Computation	2	F	57044	Principle of Metal Forming	3	C				
57037	Physical Metallurgy Lab 2	1	C	57046	Principle of Solid Casting	3	C				
57038	Principle Material Eng. Prod 1	2	C	57052	Principle of Ceramic Eng.	3	C				
57048	Prin. Electrochem. & Corrosion	3	C	57058	Principle of Surface Eng.	3	C				
57042	Electron Property of Materials	2	C	57068	Principle Mat. Eng. Prod. 2	2	C				
57036	Physical Metallurgy 2	3	C		General course	2	G				
	General Course	2	G								
	<b>Total</b>	<b>18</b>			<b>Total</b>	<b>19</b>			<b>Total</b>	<b>0</b>	
7 <sup>th</sup> Semester				8 <sup>th</sup> Semester				4 <sup>th</sup> Summer			
Code	Courses	Cr.	Type	Code	Courses	Cr.	Type	Code	Courses	Cr.	Type
57054	Science & Engineering Report	1	C		Optional Course	3	O				
57210	BSc Project	3	C		Optional Course	3	O				
57056	Principle of Weld Eng.	3	C		Optional Course	3	O				
	Optional Course	3	O		Optional Course	3	O				
	Optional Course	3	O		Optional Course	3	O				
	General Course	2	G		Optional Course	2	O				
50510	Family Plan & Population	0	G								
	<b>Total</b>	<b>15</b>			<b>Total</b>	<b>17</b>			<b>Total</b>		

\* Students must take the **compensation courses**, including the 'Kish compensation English proficiency' courses 1 and 2, 'pre-physics', and 'pre-mathematics' in the first two semesters of the program.

\* Students must take the **compulsory courses** of 'English Technical Writing' and 'Oral Communication in English' in the first two years of the program.



# Materials Engineering Department

## BSc Program

# SUTIC

## School of Science and Engineering

No.	Fundamental Courses	Code	Cr.
1	General Mathematics 1	50015	4
2	General Mathematics 2	50016	4
3	Engineering Mathematics	50035	3
4	Differential Equations	50034	3
5	Physics 1	50011	3
6	Physics 2	50012	3
7	Physics Lab 1	50013	1
8	Physics Lab 2	50014	1
9	General Chemistry	50019	3
10	General Chemistry Lab	50020	1
11	Numerical Computation	50071	2
12	Computer Programming	52153	3
13	Statics	58261	3
14	Fundamental Electronics Eng. 1	55091	
15	Engineering Graphics	50311	2
16	General Workshop	50018	1

No.	Compulsory Courses	Code	Cr.
1	Principle Materials Science	57012	3
2	Mechanics of Materials	57014	3
3	Crystal Diffraction	57016	3
4	Phys. Chemistry Material	57018	3
5	Mechanical Property Materials	57024	3
6	Mech. Property Lab.	57025	1
7	Physical Metallurgy 1	57026	3
8	Physical Metallurgy Lab 1	57027	1
9	Materials Thermodynamics 1	57028	3
10	Transfer Phenomenon	57022	3
11	Principle Material Eng. Product 1	57038	2
12	Physical Metallurgy 2	57036	3
13	Physical Metallurgy Lab 2	57037	1
14	Electron Property of Materials	57042	2
15	Prin. Electrochem. & Corrosion	57048	3
16	Principle Material Eng. Product 2	57068	2
17	Principle of Polymer Eng.	57034	3
18	Principle of Metal Forming	57044	3
19	Principle of Solid Casting	57046	3
20	Principle of Ceramic Eng.	57052	3
21	Principle of Surface Eng.	57058	3
22	Science & Engineering Report	57054	1
23	Principle of Weld Eng.	57056	3
24	BSc Project	57210	3
25	Practical Training	57110	0

No.	Compulsory English Courses	Code	Cr.
1	English Technical Writing	50668	2
2	Oral Communication in English	50669	2

No.	Optional Courses (1 <sup>st</sup> Group: 3 Courses)	Code	Cr.
1	Materials Eng. Kinetics	57013	3
2	Mechanical Property Materials 2	57126	3
3	Quality Control & NDT	57015	3
4	Eng. Materials	57017	3
5	Powders Science & Eng.	57019	3
6	Material Characteristics 1	57023	3

No.	Optional Courses (2 <sup>nd</sup> Group: 10 units inc. 3 Labs)	Code	Cr.
1	Iron & Steel Product	57029	3
2	Non Ferrous Metals Product	57031	3
3	Proces. Control in Materials	57033	2
4	Computational Materials	57035	2
5	Refractory Materials	57316	2
6	Solidification & Casting 2	57236	3
7	Metal Forming 2	57714	3
8	Ceramics Process	57142	2
9	Struct. & Property of Ceramics	57057	2
10	Composite Materials	57039	3
11	Materials Thermodynamics 2	57296	2
12	Materials Processing Lab.	57041	1
13	Industrial Furnaces	57562	2
14	Die Design & Lab.	57129	3
15	Metal Forming Lab. 1	57701	1
16	Metal Joining Lab.	57702	1
17	Solidification & Casting Lab.	57043	1
18	Corrosion & Coating Lab.	57045	1
19	Ceramics Lab.	57047	1
20	Advanced Materials	57049	3
21	Material Characteristics 2	-	3
22	Novel Manufacturing	57051	2
23	Fuels & Energy	57373	2
24	Numer. Simul. in Materials Eng.	57053	2
25	Technical Language in Materials	57135	2
26	Mineralogy	57118	2
27	Eng. Economy	51140	2

No.	BSc Courses	Code	Cr.
1	General courses	<b>G</b>	20
2	Fundamental courses	<b>F</b>	40
3	Compulsory courses	<b>C</b>	61
4	Optional courses	<b>O</b>	19
5	Compulsory English courses	<b>E</b>	4
	<b>Total</b>		<b>144</b>

**Sharif University of Technology**  
**International Campus (SUTIC), Kish Island**



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پردیس بین الملل - جزیره کیش