

# **AHSANULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**(SPONSORED BY THE DHAKA AHSANIA MISSION AND APPROVED BY THE  
GOVERNMENT OF THE PEOPLE'S REPUBLIC OF BANGLADESH)**



## **ACADEMIC RULES & INFORMATION BACHELOR'S DEGREE PROGRAMS SPRING- 2020**

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# **AHSANULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY**

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**Mr. Md. Abdul Hamid**

Honorable President

People's Republic of Bangladesh

Chairman, Board of Trustees (BoT)

**Mr. Kazi Rafiqul Alam**

President, Dhaka Ahsania Mission

Vice Chancellor

**Prof. Dr. Muhammad Fazli Ilahi**

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AUST
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Head, Department of Electric and Electronic Engineering,  
AUST
- **Mr. Md. Ruhul Amin** Member  
Head, Department of Textile Engineering, AUST
- **Prof. Dr. Mohammad Sarwar Morshed** Member  
Head, Department of Mechanical and Production  
Engineering, AUST
- **Prof. Dr. Sreebash Chandra Paul** Member  
Head, Department of Arts and Sciences, AUST
- **Prof. Dr. Jasmin Ara Begum** Member

Department of Architecture, AUST

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School of Business, AUST
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Department of Civil Engineering, AUST
- **Prof. Dr. Mohammad Shafiul Alam** Member  
Department of Computer Science and Engineering,  
AUST
- **Prof. Dr. Tareq Aziz** Member  
Department of Electrical and Electronic Engineering,  
AUST
- **Prof. Dr. Lal Mohan Baral** Member  
Department of Textile Engineering, AUST
- **Prof. Dr. Mazharul Islam** Member  
Department of Mechanical and Production Engineering,  
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- **Prof. Dr. Md. Ashrafur Rahman** Member  
Department of Arts & Sciences, AUST
- **Dr. S.M. Khalilur Rahman** Member  
General Secretary, Dhaka Ahsania Mission
- **Dr. M. Khalilullah** Member  
Former Additional Secretary, Govt. of Bangladesh
- **Dr. Engg. Kazi Ali Azam** Member  
Executive Committee Member, Dhaka Ahsania Mission
- **Prof. Dr. M. Kaykobad** Member  
Ex Professor, Department of Computer Science and  
Engineering, BUET.
- **Prof. Dr. Mehedi Ahmed Ansari** Member  
Department of Civil Engineering, BUET
- **Dr. Md. Mosharof Hossain** Member-  
Registrar Secretary

# AHSANULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY

## FINANCE COMMITTEE

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Former Chairman, NBR
- **Dr. M. Ehsanur Rahman** Member  
Executive Director, Dhaka Ahsania Mission
- **Prof. Dr. Muhammad Mohiuddin** Member  
School of Business, AUST`
- **Prof. Dr. Muhammad Fazli Ilahi** Member  
Vice Chancellor, AUST
- **Prof. Dr. Mustafizur Rahman** Member  
Treasurer, AUST
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Head, Department of MPE
- **Mr. Md. Jasim Uddin Akond, FCMA** Member  
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- **Prof. Mashud Ahmed** Member  
Ex. Vice-Chancellor, Bangladesh University of  
Textile Tejgaon I/A, Dhaka
- **Mr. Md. Abul Kashem Bhuiyan** Member-  
Secretary  
Deputy Director (Finance), AUST



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Senior Advocate  
Supreme Court of Bangladesh
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Faculty of Architecture and Planning, AUST
- **Prof. Dr. Md. Amanullah** Member  
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- **Prof. Ms. Fatema Khatun** Member  
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- **Prof. Dr. Mohammad Sarwar Morshed** Member  
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Secretary  
Proctor, AUST

# AHSANULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY

## DEANS OF THE FACULTIES

- Faculty of Architecture and Planning  
**Prof. Dr. M. A. Muktadir**  
B.Sc.Engg.,BUET; B. Arch., University of Florida,USA, Ph.D. (Arch), Edinburgh,UK
- Faculty of Business and Social Sciences  
**Prof. Dr. Md. Amanullah**  
B.Com (Hons), M.Com., RU, Ph.D, Ranchi University, India
- Faculty of Engineering  
**Prof. Dr. Abdur Rahim Mollah**  
B.Sc. Engg. (EEE), BUET; M. Sc.Engg.,UMIST, UK, Ph.D. Robert Gordon University, UK
- Faculty of Education  
**Prof. Ms. Fatema Khatun**  
B.Sc.(Hons), M.Sc. (Zoology),DU, M.Ed.(IER),DU

## HEADS OF THE DEPARTMENTS/ SCHOOL

- Department of Architecture  
**Prof. Dr. Rumana Rashid**  
B.Arch., (AUST); M. Arch & Ph.D (UTM), Malaysia
- School of Business  
**Prof. Dr. Saleh Mohammed Mashehdul Islam**  
MBA (MSM-Netherlands), PGD (UK), Ph.D. (Aligarh, India)
- Department of Civil Engineering  
**Prof. Dr. Md. Shahid Mamun**  
B.Sc. Engg. (Civil), BUET; M.A.Sc. (Transportation), University of Toronto, Canada; Ph.D. (Transportation), University of Florida, USA
- Department of Computer Science and Engineering  
**Prof. Dr. Kazi A Kalpoma**  
B.Sc (APE) & M.Sc (CSE), DU; MSc & Ph.D (Tohoku Univ., Japan).
- Department of Electrical and Electronic Engineering  
**Prof. Dr. A.K.M. Baki**  
B.Sc. (EEE), BUET; M.Sc.(Germany), Ph.D (Kyoto Univ., Japan)
- Department of Textile Engineering  
**Mr. Md. Ruhul Amin**  
B. Sc. in Tex. Tech. (DU) M. Sc. in Tex. Engg. (BUTEX)
- Department of Mechanical and Production Engineering  
**Dr. Mohammad Sarwar Morshed**  
B.Sc.(ME), M.Eng.(Ind.Mgt.), Ph.D. (UK).
- Department of Arts and Science.  
**Prof. Dr. Sreebash Chandra Paul**  
M.Sc. (DU), Ph.D (Glasgow University, UK)

# AHSANULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY

## UNIVERSITY ADMINISTRATION

- Vice Chancellor : **Prof. Dr. Muhammad Fazli Ilahi**  
B.Sc.Engg.(BUET); Mech, Ph.D. Bradfod, UK
- Treasurer : **Prof. Dr. Mustafizur Rahman**  
M.Sc. (DU), Ph.D. (London), DIC
- Registrar : **Dr. Md. Mosharof Hossain**  
BSS(Hon),M.S.S., DU, MBA (HRM), Ph.D, RU
- Controller of Exam. : **Ms. Dewan Amana Sultana**  
M.Com (MGT.) NU, MBA(HRM),DIU
- Proctor : **Prof. Dr. Mohammad Hamidur  
Rahman Khan**  
B.Sc and M.Sc. (Physics), DU; M. Phil,  
Ph.D., BUET
- Advisor, Students Welfare : **Prof. Dr. Sharmin Reza Chowdhury**  
B.Sc. Engg. (Civil), BUET; M.Sc. Engg.  
(Structure), BUET; Ph.D. (Structure),  
Bogazici University, Turkey
- Librarian : **Dr. Md. Zillur Rahman**  
BA(Hons),MA,MBA in HRM (IUB) PhD(DU)
- University Engineer : **Md. Ahasan Habib**  
B. Sc. Engineer (civil), RUET.

## DIVINE LIGHT IS OUR GUIDE

# AHSANULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY

## INTRODUCTION

Ahsanullah University of Science and Technology (AUST), sponsored by Dhaka Ahsania Mission, is offering programs at all levels of science, technology, business and social sciences including pedagogical sciences, as per permission accorded by the Ministry of Education, Government of the People's Republic of Bangladesh (vide their letter no. শাঃ ১৪/১৩ বেঃ বিঃ- ২/৯৫//৬৭-শিক্ষা তাঃ ০২/০৫/১৯৯৫ইং.)

Dhaka Ahsania Mission, a non-profitable organization, is operating voluntarily in Bangladesh. The Mission was established in 1958 by Hazrat Khan Bahadur Ahsanullah (R)\*, who was an outstanding educationist and social reformer of undivided India. With his own vision of a better society, characterized by wealth of moral and spiritual values of the highest humanism that are universally acclaimed through ages and manifested in every sphere of life - social, economic, cultural and access to education and resources, he established Ahsania Mission. His remarkable educational reforms include among others, introduction of roll number system in the public examinations and promotion of equal opportunity of education for all groups of people in the society.

Besides, he has contributed to the society by writing a large number of books covering a wide range of areas from human and social life, history, human development, literature, religion, biography, moral values etc. Though initially charity and welfare activities were the major focus of the Mission, it has expanded its arena of activities leaning towards sustainable development strategies with the passage of time since early 1980s.

## VISION

Ahsanullah University of Science and Technology was established with the aim to be a premier center of excellence in science, engineering, technology and business by creating and transferring knowledge with human values to the young generations in such a way that they, in turn, could enhance the quality of life in Bangladesh and beyond.

## MISSION

In order to achieve its vision, Ahsanullah University of Science and Technology is engaged in developing human resources in the fields of science, engineering, technology and business to meet the ever-changing needs of the society in the perspective of the highly complex and globalized world. The curricula of the university are designed to produce quality graduates imbued with the spirit of ethical values and equipped with knowledge and skills appropriate to their professional fields. AUST graduates are taught and trained to accept the challenges in their arena of jobs and to contribute meaningfully to the society and overall development of the country.

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\* Hazrat Khan Bahadur Ahsanullah (R) M.A., M.R.S.A., I.E.S. (1873-1965), was the Assistant Director of Public Instruction for Bengal and Assam Provinces of undivided India (1925-29).

## **AIMS**

The University aims to–

- impart need based programs of science, engineering, business and social sciences;
- offer programs covering all important fields and disciplines of science, engineering, business and social sciences including teachers' training;
- develop programs examining the modern trends, need and development of science, engineering, business, social sciences and human resource observing carefully the employment opportunities and market needs both at home and abroad;
- organize programs in science, engineering, business and social science including teachers' training for awarding degrees, diplomas and certificate of proficiency at all levels; and
- go for gradual expansion of departments and programs of learning as per the rules and regulations of Private University Act, 2010 and in accordance with the needs of the country and the demand abroad.

## **UNIVERSITY CAMPUS**

The permanent campus of the university was built on 5-bighas of land at Tejgaon Industrial Area, Dhaka. The 10-storied building including 2-level basement with a total floor area of around 4 lac sq. ft. is equipped with modern amenities and facilities required to impart quality education.

Continuous power and water supply is ensured by its own electrical substation having two transformers each rated 1.25 MVA and two standby generators each rated 1.0 MVA and a 4 inch diameter deep tube-well. The spacious campus also provides facilities for co-curricular activities like common rooms, indoor game rooms, etc. as well as enough spaces for car parking and heavy machinery labs in the basements. All the classrooms, laboratories /workshops, office rooms, library, teachers' rooms, auditorium, seminar room are air-conditioned. There are facilities of Wi-Fi internet in the campus.

## **MEDICAL CENTER**

There is a Medical Center in the Campus to provide first aid services to the students, faculty members and employees of the university. A full time physician and a nurse with necessary equipment and accessories are available in the center during office hour.

## FACULTIES AND TEACHING DEPARTMENTS

Faculty	Department/School	Programs Offered	Duration of the Program
Faculty of Architecture and Planning	Department of Architecture	Bachelor of Architecture	5 Years
		Master of Architecture	1.5 Years
Faculty of Engineering	Department of Civil Engineering	Bachelor of Science in Civil Engineering	4 Years
		Master of Science in Civil Engineering	1.5 Years
		Post Graduate Diploma in Civil Engineering	1 Year
	Department of Computer Science and Engineering	Bachelor of Science in Computer Science and Engineering	4 Years
	Department of Electrical and Electronic Engineering	Bachelor of Science in Electrical and Electronic Engineering	4 Years
		Master of Science in Electrical and Electronic Engineering	1.5 Years
		Master of Engineering in Electrical and Electronic Engineering	
	Department of Textile Engineering	Bachelor of Science in Textile Engineering	4 Years
	Department of Mechanical & Production Engineering	Bachelor of Science in Industrial and Production Engineering	4 years
		Bachelor of Science in Mechanical Engineering	4 years
	Department of Arts & Sciences	Master of Science in Mathematics	1.5 years
Faculty of Business and Social Science	School of Business	Bachelor of Business Administration	4 Years
		Master of Business Administration (Regular)	2 years
		Master of Business Administration (Executive)	1.5 years
Faculty of Education	Department of Education	Master of Education	1 year

## **LABORATORIES**

AUST has already established the following state of the art laboratories in different departments:

### **Department of Architecture**

- i) Auto CAD Lab.
- ii) Photographic Lab.
- iii) Building Materials Lab.
- iv) Design Lab.

### **School of Business**

This department has one Computer Lab.

### **Department of Civil Engineering**

- i) Surveying Lab.
- ii) Auto CAD Lab.
- iii) Environmental Engineering Lab.
- iv) Strength of Materials Lab.
- v) Fluid Mechanics and Hydraulics Lab.
- vi) Geotechnical Engineering Lab.
- vii) Transportation Engineering Lab.
- viii) Concrete Lab.
- ix) Drafting Studio.

### **Department of Computer Science and Engineering**

- i) Network & Data Communication Lab.
- ii) Web Application & Multimedia Lab.
- iii) Digital Electronics & Design Lab.
- iv) Data & Knowledge Engineering Lab.
- v) Software Engineering Lab.
- vi) Microprocessor & Interfacing Lab.
- vii) Operating System Lab.

Besides, the core Network and Internet Service Systems of the university are maintained under the guidance of the department. The major servers are located at the 'University Server Room'.

### **Department of Electrical and Electronic Engineering**

- i) VLSI Lab.
- ii) DSP Lab.
- ii) Simulation Lab.
- iii) Control Lab.
- iv) Microwave & Optical Communication Lab.
- v) Telecom Lab.
- vi) Machine Lab.
- vii) Power System & Power System Protection Lab.
- viii) Digital & Microprocessor Lab.
- ix) Project Lab.
- x) Electronics Lab.
- xi) Electrical Circuit Lab-I.

- xii) Electrical Circuit Lab-II.
- xiii) Power Electronics Lab.

**Department of Textile Engineering**

- i) Yarn Manufacturing Lab.
- ii) Textile Testing and Quality Control Lab.
- iii) Computer Lab.
- iv) Wet Processing Lab-I
- v) Wet Processing Lab-II
- vi) Fabric Manufacturing Lab-1. [Weaving]
- vii) Fabric Manufacturing Lab-2. [Knitting]
- viii) Garments Lab-I
- ix) Garments Lab-II

**Department of Mechanical & Production Engineering**

- i) Machine Shop
- ii) Simulation Lab
- iii) Applied Thermodynamics Lab
- iv) Heat and Mass Transfer Lab
- v) Measurement, Instrumentation & Control Lab
- vi) Applied Mechanics and Materials Lab
- vii) Machine Lab
- viii) Fluid Mechanics and Machinery Lab
- ix) Metallurgy and Heat Treatment Lab
- x) Ergonomics Lab
- xi) Material Handling Lab
- xii) Sheet Metal Lab
- xiii) Heat Engine Lab

**Department of Arts & Sciences:**

- i) Physics Lab-I
- ii) Physics Lab-II
- iii) Chemistry Lab-I
- iv) Chemistry Lab-II
- v) Language Lab.

**WORKING WEEKS OF A SEMESTER**

There are two semesters in an academic year. Each semester is divided into classes, preparatory leave and Semester Final Examinations as follows:

● Classes	13-15 weeks
● Preparatory Leave and Semester Final Examinations	5 weeks
<hr/>	
<b>Total</b>	<b>18-20 weeks</b>

Apart from the working weeks, the university remains open for Clearance /Improvement/Carry Over Examinations, examination result, admission of students in the 1st semester of 1st year and for works related to industrial training, field study etc. The classes are held five days a week.



## **CURRICULUM**

An academic program is pursued through a framework of curriculum. An academic year consists of two semesters - Spring and Fall. In each semester a student is required to undertake a given number of courses, each carrying a certain number of credit hours. The course requirements include classroom teaching, presentation, assignments, quizzes/class tests, examinations, field study etc., as applicable in a given course.

### **ADMISSION CANCELLATION OF NEWLY ADMITTED STUDENTS:**

A newly admitted student can cancel his/her admission from a program of 1<sup>st</sup> year 1<sup>st</sup> semester by a written application to Chairman, Admission Committee up to the 9<sup>th</sup> class of a new semester to get refund of the deposited money except Registration and Admission fees.

### **SEMESTER WITHDRAWAL:**

Semester withdrawal is not allowed for 1<sup>st</sup> year 1<sup>st</sup> semester students.

If any student other than 1<sup>st</sup> year 1<sup>st</sup> semester student, who has been promoted to the next higher semester wants to discontinue his/her studies due to any reason, may withdraw the semester by a written application within 6 (six) working days before and 6 (six) working days after the commencement of classes of a new semester without any advance payment of semester fees. However, he/she will have to pay Tk. 500/- for obtaining his/her withdrawal certificate within three days of withdrawal application.

The above mentioned student can continue his/her studies later within 1 (one) year i.e. consecutive 2 (two) semesters by taking readmission on payment of requisite tuition and other fees provided that he/she can produce official withdrawal certificate. The studentship of a student will automatically be cancelled if he/she fails to take readmission after the withdrawal of 2 (two) consecutive semesters.

### **SEMESTER DROP:**

If a student does not attend classes and examinations in a semester without proper written application for semester withdrawal, it will be treated as semester drop for the student. A student can drop maximum 2 (two) semesters (consecutively or separately) during his/her study period i.e. he/she will have to complete the program within 14 semesters for Bachelor of Engineering and Business Administration and 16 semesters for Bachelor of Architecture.

A student who has dropped a semester or two, he/she can continue his/her studies by taking readmission on payment of requisite tuition and other fees plus an additional amount of  $N \times \text{Tk.}15,000/-$  as penalty for semester drop, where  $N=1$  (for one semester drop) and  $N=2$  (for two semester drop). The studentship of a student will automatically be cancelled if he/she drops more than 2 (two) consecutive semesters.

**N.B.:** If a student is suspended for one or more semester(s) as punishment by the Disciplinary Committee of the university, then the suspended semester(s) will not

be considered as semester drop(s) for the student and the suspended semesters will not be deducted from his/her total allowed semesters.

#### **CLEARANCE/IMPROVEMENT EXAMINATION:**

Students must apply through IUMS by paying Tk.500/- for appearing in the relevant examination within notified date. Students can get the application form of the relevant examination in their IUMS portal.

#### **CARRYOVER EXAMINATION:**

Students must apply through IUMS by paying requisite fees for appearing in the relevant examination within notified date. Students can get the application form of the relevant examination in their IUMS portal.

#### **SPECIAL CARRYOVER EXAMINATION:**

Students, who have completed 4<sup>th</sup> year 2<sup>nd</sup> Semester (Engineering or Business) and 5<sup>th</sup> year 2<sup>nd</sup> Semester (Architecture) but have carryover courses of any other previous semester, will have to re-enroll themselves paying a fee of Tk.1000/- within stipulated date. Then these re-enrolled students can apply through IUMS paying requisite fees for carry over examination(s) when the notice is published for this purpose.

#### **ATTENDANCE IN CLASS**

The students are required to attend the classes regularly throughout the semester. If a newly admitted student fails to attend the classes regularly during first three weeks from the commencement of the classes, his/her admission will be automatically cancelled and his/her semester fees will be forfeited.

#### **MEDIUM OF INSTRUCTION AND EXAMINATION**

The medium of instruction and examination which is indispensable to follow the curriculum and the prescribed texts for all academic programs of AUST is English. So, proficiency in English is a pre-requisite for admission of the candidates.

#### **EXAMINATIONS AND GRADING SYSTEM FOR UNDERGRADUATE PROGRAMS**

- (1) **Performance:** The performance of a student in a theoretical course will be evaluated on the basis of the following :
  - (i) Continuous assessment (assessment of class attendance, class performance, quizzes/class tests, and/or assignments etc.)
  - (ii) Semester final examination
  - (iii) Clearance examination (for clearance of courses in which students fail in Semester Final Examination, if any)
  - (iv) Carryover examination (for clearance of back log course(s) of previous semester(s), if any)
  - (v) Improvement examination (for improvement of grade(s) obtained in the regular Examinations, if any)
- (2) **Assessment and Semester Final Examination:** Continuous assessment and semester final examination will form the regular examination while clearance

examination, carryover examination and improvement examination will provide additional opportunities to the students.

- (3) **Distribution of Marks:** Distribution of marks after continuous assessment, in the semester final/clearance/carryover/improvement examination will be as follows:

- (i) Class participation (i.e. class attendance, class performance etc.).....10%
- (ii) Quizzes/ class tests and/ or assignments.....20%
- (iii) Semester final/ clearance/ Improvement Examination.....70%

**Total .....100%**

Carry over examination [for back log course(s)] .....100%  
(marks on class attendance, performance and class test/quiz will not be counted)

- (4) **Quizzes/Class Tests:** The number of quizzes/class tests and/or assignments in a theoretical course shall ordinarily be  $(n + 1)$ , where 'n' is the number of credit-hours of the course. Evaluation of performance will be on the basis of the best 'n' quizzes/class tests and/or assignments.
- (5) **Evaluation in Sessional / Practical Courses:** The performance of a student in a sessional/practical course will be evaluated on the basis of class attendance, class performance, quizzes/class tests, assignments, reports, practical examinations, jury viva voce etc. The distribution of marks in the course will be determined by the teachers concerned.
- (6) **Grade and Grade Point:** The letter grades and corresponding grade-points will be awarded for theoretical courses in the regular examination and for practical/sessional courses in accordance with the provisions shown below:

NUMERICAL GRADE	LETTER GRADE	GRADE POINT
80% or above	A+	4.00
75% to 79%	A	3.75
70% to 74%	A-	3.50
65% to 69%	B+	3.25
60% to 64%	B	3.00
55% to 59%	B-	2.75
50% to 54%	C+	2.50
45% to 49%	C	2.25
40% to 44%	D	2.00
Less than 40%	F	0.00

- (7) **GPA Computation :** Every course has a certain number of credit hour which describes its weightage. The credit hour of a theoretical course and the credit hour of a practical/ sessional course refer to contact hours per week and half of the contact hour per week of courses taken respectively. The number of credit hours a student has completed satisfactorily and the weighted average of the grade points he/she has maintained will help measure the performance of the students. Calculation of Grade Point Average (GPA) can be explained as follows:

$$\text{Grade Point Average (GPA)} = \frac{\sum C_i G_i}{\sum C_t}$$

$$= \frac{\text{Summation of (Credit hours in a course x Grade points earned in that course)}}{\text{Total number of credit hours completed}}$$

Where:

$C_i$  = Credit hours in a course

$G_i$  = Grade points earned in that course

$C_t$  = Total number of credit hours completed

Suppose, a student has completed five courses in a semester and obtained the following grades:

Course	Credit hour	Grade	Grade point
Course 1	3	A+	4.00
Course 2	3	B	3.00
Course 3	3	A	3.75
Course 4	2	B+	3.25
Course 5	1	A-	3.50

Then his/her Grade Point Average (GPA) for the semester will be computed as follows:

$$\text{GPA} = \frac{3(4.00) + 3(3.00) + 3(3.75) + 2(3.25) + 1(3.50)}{(3 + 3 + 3 + 2 + 1)}$$

$$= 3.52$$

- (8) **Marks in Courses and Duration of Examination :** The total marks assigned to a theoretical/ practical course is 100 and the duration of semester final /improvement/ clearance /carryover examination of a theoretical course is 3 hours. The total marks assigned to continuous assessment (obtained on the basis of class participation, quizzes/class tests and/or assignments etc.) and the semester final/ clearance/ improvement examination are 30 and 70 respectively. **However, the full marks (100) of a Carryover course will be allotted to the Carryover Examination only and the final performance of a student in the Carryover course will be evaluated only on the basis of the marks obtained in the Carryover Examination.**

A student who remains absent in the semester final/ clearance/ improvement /carryover examination of a course of study will be given the grade '**F**' for the course. The total marks and the corresponding grade of students who are absent in the examinations of a course will be entered in the mark sheet of the course, considering the mark of the examinations as zero.

- (9) **Clearance Examination:** The clearance examination of a course will be held only for students obtaining grade '**F**' (failed in the course) in the regular examination of the course. The clearance/ carry over/ improvement

examination of a semester will be held over a period of 1 to 2 weeks at the end of the Semester Final Examination of the semester.

The clearance examination of a course will carry 70% of the total marks assigned to the course; the rest of the mark (30%) will be entered from the record of continuous assessment secured earlier by the student when he/she attended classes. Whatever might be the total marks obtained by the student, the highest attainable grade in case of the clearance examination is 'C'.

So the grading scale for students appearing in the Clearance Examination will be as follows:

Numerical grade	Letter grade	Grade point
45% or above	C	2.25
40% to 44%	D	2.00
Less than 40%	F	0.00

- (10) **Carryover:** A student obtaining the grade 'F' in a maximum of 2 (two) theory courses of a semester will be promoted to the next higher class with carryover in the failed theoretical course(s) if the cumulative number of the courses, including the number of carry-over courses of the previous semester(s) of the student concerned, does not exceed the highest allowable limit of 4 (four). Students can clear the backlog of the carryover courses(s) in the carryover examinations of the relevant semester. Such examinations will be held in the same manner as the clearance examination.
- (11) **Limit of Failed Courses:** If the number of failed courses of a student in a semester exceeds the highest limit of 2 or if the cumulative number of failed courses including the number of carry over courses of the student exceeds the highest limit of 4, the student will not be promoted to the immediate higher class. In such a case, the student must re-register for the course(s) in which he/she failed in the semester and bring down the number of failed courses including the carry over course(s) within the allowable limits of 4 and 2 to be promoted to the next higher semester.

If the cumulative number of failed courses, including the number of carryover courses of a student enrolled in 4<sup>th</sup> year 2<sup>nd</sup> semester of 4-year bachelor degree programme or in 5<sup>th</sup> year 2<sup>nd</sup> semester of 5-year bachelor degree programme exceeds the highest limit of 4 (four), student will have to re-register for the courses of the semester in which he/she failed. If the number of failed courses of the last semester exceeds the highest limit of 2 (two), student will have to re-register for the courses of the semester in which he/she failed. A student can appear at the carryover examination of the courses in the relevant subsequent semester if the number of failed courses does not exceed the limit of 4 and 2 as specified above.

- (12) **Formalities of Carryover Examinations:** For appearing in the carryover examinations, the students are required to apply in the prescribed application form available in the Office of the Controller of Examinations of the university within due time.

- (13) **Rules for Re-Registration:** The students who have not been promoted to the next higher semester can re-register in the subsequent semester for the course(s) (both theoretical and practical) in which they have failed. The grade(s) secured by the students in the re-registered course(s) will be considered for the result and Grade Point Average (GPA) of the students concerned for that semester. However, the grade(s) obtained by the students in the previous semester will also be recorded in the transcript/grade card and tabulation sheet of previous semester only for chronological sequence. Students are required to apply in the prescribed application form available in the office of the Registrar, AUST for re-registration. The duly filled in application form must be submitted within due time.
- (14) **Grade Improvement:** For the purpose of grade improvement, a student obtaining a grade lower than ‘B’ in the Regular Examination of a theoretical course can appear at the relevant Improvement Examination of the semester by canceling the grade of the course secured by him/her. The highest attainable grade with the improvement examination is ‘B’ and the grade obtained with the improvement examination will be considered for the result and GPA of a student. But the grade obtained by the student in the regular examination will also be recorded in the tabulation sheet/ transcript/ grade card only for chronological sequence. The letter grades will be awarded with the improvement examinations in accordance with the provision given below:

Numerical Grade	Letter Grade	Grade Point
60% or above	B	3.00
55% to 59%	B-	2.75
50% to 54%	C+	2.50
45% to 49%	C	2.25
40% to 44%	D	2.00
Less than 40%	F	0.00

The improvement examination of a course will 70% of the total mark assigned to the course and like the semester final/clearance examinations; the rest of the mark will be entered in the mark sheet of the course from the record of the continuous assessment secured earlier by the student when he/she attended the classes of the semester. For appearing in the Improvement Examination of a course, students are required to apply for enrollment in the prescribed application form available in the office of the Controller of Examinations, AUST at least 4 (four) days before the date of examination of the course.

A student of a 4-year degree programme can appear in the improvement examination in a maximum of 4 (four) courses while a student of a 5-year degree programme can do the same in a maximum of 5 (five) courses in his/her student career at AUST.

- (15) **Repeating Semester : A student failing in any sessional/ practical course will have to repeat the semester.** But a student failing in the Surveying Practical course may be promoted to the next higher class, if otherwise eligible. A student who remains absent in the classes of the Surveying Practical course due to a reason acceptable to the administration of the University, will get another chance to attend the classes & pass the course along with students of other batches in the next relevant semester.

A student of a semester who fails to submit the report/thesis of the course Project/Thesis during the semester will have to enroll for the course in the subsequent semester of his/her submission of the report/thesis.

- (16) **Class Attendance:** Students of all bachelor degree programs are required to attend 60% of the classes held in each course of a semester. Students failing to attend the requisite percentage of classes in any course will not be allowed to appear at the semester final/clearance/improvement /carryover examinations of the course in the semester. However, the university may condone the shortage of requisite percentage of class attendance on grounds acceptable to the authority.
- (17) **Maximum Time-Limit for Completion :** All 4-year degree programs at AUST require completion of all degree requirements within a maximum period of 14 semesters while a 5-year degree programme requires completion of all degree requirements within a maximum period of 16 semesters. Failure to complete all degree requirements within the given time frame may disqualify a student from continuation of his/her study at AUST.

#### **FINANCIAL BENEFIT FOR STUDENTS FROM QUOTA**

Students of Bachelor degree programs from Freedom Fighter (FF) and Remote and Underdeveloped Area (RA) Quota will have to pay the requisite fees to the University at the time of admission. But the students from FF quota will get refund of the fees after verification of their FF certificates from the concerned Ministry; and the students from RA Quota will get refund of the fees after starting of classes. They will continue to get the benefit of full free tuition fee in the subsequent semesters through written application along with the grade sheet of their previous semesters.

However, students of FF and RA quota must have greater than 80% attendance in both theoretical and practical classes to avail the financial benefits. If a student from Quota fails to get promotion to the next higher semester or class attendance is less than 80%, he/she will not get the benefit of quota from the University.

#### **GPA REQUIREMENTS FOR UNDERGRADUATE PROGRAMS**

- (1) The students securing a CGPA (Cumulative Grade Point Average) of 2.20 or above on a scale of 4.00 will be considered to be making normal progress towards a degree and the students failing to attain the minimum CGPA of 2.20 on a scale of 4.00 may be placed on academic probation. A minimum Cumulative GPA (CGPA) of 2.20 on a scale of 4 will be required for the award of the degree.

- (2) The minimum period of probation is one semester but the usual period is one academic year. The probation may be extended for additional semester(s) until the student achieves an overall GPA of 2.20 or more.
- (3) A student on academic probation failing to maintain at least a CGPA of 2.20 during two consecutive academic years may be suspended from the university. This suspension may be withdrawn by the concerned Head of the Department on receipt of an application from the student and on being satisfied that every effort to improve the grade will be made by him/her. But this can only be done after a full semester of suspension. However, the second suspension will be regarded as final and absolute.
- (4) Graduating students securing a CGPA of 3.75 or above will be included in the Dean's List of Honor.

#### **FINANCIAL ASSISTANCES FOR UNDERGRADUATE PROGRAMS**

- (1) As per the Private University Act 2010, 3% of the total seats are reserved for sons/daughters of Freedom Fighters, while another 3% for poor and meritorious candidates of Remote and Undeveloped Areas. Students admitted under those two categories enjoy waiver of all types of fees.
- (2) Top 5% students of Bachelor program in order of semester final marks in each semester in each department will be eligible to get 50% Tuition fee waiver for that semester.
- (3) There is a provision of financial help from the Fund for Welfare for the Distressed Students.
- (4) If two or more students of the same parents study concurrently as regular students in this university, one of them may get Half Free Tuition Award on application as per the rules of the university.
- (5) In addition, 1% of the promoted students are awarded Full Free Tuition Award on recommendation of the sponsor.

#### **FOREIGN/INTERNATIONAL STUDENTS**

Foreign students willing to get admission in any undergraduate program of this university should fulfill the following requirements:

##### **1. REQUIREMENTS**

- (a) Candidates who possess foreign passport or dual passport, brought up and educated abroad (not in Bangladesh) shall be considered as foreign students.
- (b) Foreign student must have certificate of twelve years of schooling equivalent to GCE A level with good grades in Mathematics, Physics and Chemistry.
- (c) Applicants should have IELTS score 6 or TOEFL score 80. The AUST authority may condone this requirement for candidates having adequate English aptitude.

##### **2. NUMBER OF SEATS**

The total number of seats for foreign students in the Undergraduate program in each Semester is 25 which will be distributed among the departments proportional to their allocated seats.

##### **3. PROCEDURE OF APPLICATION**

Interested foreign candidate fulfilling the above requirements may download the application form from the university website ([www.aust.edu](http://www.aust.edu)). The scanned



copy of the filled in application form then should be sent through e-mail to the Registrar of the university (regr@aust.edu) within the last date of application as mentioned in the advertisement for admission notice, available in the university website. The scanned copy of all the academic transcripts & certificates and 1 (one) recent colored photograph should be attached with the application. The candidates will be selected for admission strictly on merit basis from among the foreign applicants.

Candidates will be informed through email about their selection for admission and then they will have to arrange themselves their visa from the Embassy/High Commission of Bangladesh in their countries.

**4. FEES :**

1<sup>st</sup> Semester at the time of admission: For Architecture/Engineering: \$ 1500 and for BBA \$ 1200. Each remaining Semester at the rate of \$ 1200 for Architecture/Engineering and for BBA \$ 1000. The payment shall be made before the start of each Semester.

**5. ACCOMMODATION**

AUST does not have any residential facility in its own command for the students. However, the foreign students will be assisted in getting an accommodation at reasonable cost in the proximity of AUST campus.

**6. DISCIPLINE**

The foreign students will have to abide by all other relevant rules and regulations of AUST.

**7. COMMUNICATIONS**

For further query and information the intending foreign students may write to the Registrar of the University (e-mail : regr@aust.edu).

### FEES FOR UNDERGRADUATE PROGRAMS

NO.	DESCRIPTION	In Taka	
		For All Engg. & Arch	For BBA
1	Admission fee per semester	11,124.00	8,750.00
2	Registration fee (required only once for a program during admission)	30,500.00	19,500.00
3	Establishment fee per semester	28,438.00	27,300.00
4	Tuition fee per semester	44,688.00	42,900.00
5	Laboratory fee per semester	16,250.00	2,000.00
6	Re-admission fee per semester (for repeaters)	10,000.00	8,750.00
7	Tuition fee per theoretical course per semester (for repeaters)	8,125.00	8,125.00
8	Laboratory fee per practical/sessional course per semester (for repeaters)	12,500.00	1,250.00
9	Enrollment fee per course per semester (for Carry Over Exam.)	1,200.00	1,200.00
10	Enrollment fee per course per semester (for Improvement Exam.)	1,200.00	1,200.00
11	Enrollment fee per course per semester (for Clearance Exam.)	1,000.00	1,000.00

### ADMISSION FEE STRUCTURE

DESCRIPTION	In Taka	
	For All Engg. & Arch	For BBA
Admission fee	11,124.00	8,750.00
Registration fee	30,500.00	19,500.00
Establishment fee	28,438.00	27,300.00
Tuition fee	44,688.00	42,900.00
Laboratory fee	16,250.00	2,000.00
<b>Total:</b>	<b>1,31,000.00</b>	<b>1,00,450.00</b>

### SEMESTER FEES STRUCTURE

DESCRIPTION	IN TAKA	
	For All Engg. & Arch	For BBA
Admission fee	11,124.00	8,750.00
Establishment fee	28,438.00	27,300.00
Tuition fee	44,688.00	42,900.00
Laboratory fee	16,250.00	2,000.00
<b>Total</b>	<b>1,00,500.00</b>	<b>80,950.00</b>

### TOTAL FEE STRUCTURE (DEPARTMENT WISE)

NAME OF PROGRAMMES	IN TAKA		
	AT THE TIME OF ADMISSION	SUBSEQUENT EACH SEMESTER	TOTAL FEE
ARC – 5 years (10 semesters)	1,31,000.00	1,00,500.00	10,35,500.00
CE – 4 years (8 semesters)	1,31,000.00	1,00,500.00	8,34,500.00
CSE – 4 years (8 semesters)	1,31,000.00	1,00,500.00	8,34,500.00
EEE – 4 years (8 semesters)	1,31,000.00	1,00,500.00	8,34,500.00
TE –4 years (8 semesters)	1,31,000.00	1,00,500.00	8,34,500.00
IPE –4 years (8 semesters)	1,31,000.00	1,00,500.00	8,34,500.00
ME – 4 years (8 semesters)	1,31,000.00	1,00,500.00	8,34,500.00
BBA – 4 years (8 semesters)	1,00,450.00	80,950.00	6,67,100.00

\* The above fees are without VAT and may be revised from time to time.

\*Students of BBA program will get financial waiver depending on their SSC+HSC marks.

### LINKAGE WITH OTHERS UNIVERSITIES

A number of Memorandums of Understanding (MoU) have been signed between AUST and the following foreign universities:

- i) Erasmus Mundus Mobility with Asia (EMMA)
- ii) The University of Wyoming, USA
- iii) The Washington State University, USA
- iv) The University of Houston, USA
- v) The Sejong University, Seoul, Korea
- vi) Asian Institute of Technology (AIT), Thailand
- vii) University of Michigan, Flint, USA, and
- viii) Dublin City University, Dublin, Ireland

The MOU would help the students of AUST avail the opportunity of admission in graduate and/or undergraduate studies in these universities.

### DISCIPLINE

The students are required to follow all the rules and regulations of the university including those related to discipline, in order to maintain healthy and smooth academic environment in the campus. There are penalties ranging from monetary fine to expulsion from the university depending on the nature of offences committed by the students.

## PENALTIES FOR OFFENCES

<b>A. Minor Offences</b>	<b>Penalties</b>
Smoking in the campus	ID cards will be seized by the authority. a. Fine of Tk. 1000/- each first time b. Fine of Tk. 2000/- each second time c. Expulsion for one semester(suspended) or fine Tk. 10,000/- in third time d. Expulsion from the university in fourth time
Playing cards in the campus	
Playing cricket/football/ hockey/ basketball/ volleyball/ badminton etc. in the campus.	
Not carrying AUST ID cards in the campus	Fine of Tk. 500/- each time.
Damage of properties like curtains, glasses, electric wires, appliances, laboratory equipment, overhead/ multimedia projectors, reading materials or any other such facilities	Monetary fine double the cost of the damaged materials/object as decided by the concerned Head.
Writing/splashing of paints on the wall, floor, glass or any other such other things.	Warning/monetary fine ranging from Tk. 1000/- to Tk. 5000/- each or Expulsion for one semester from the university for repeated violations as decided by the Disciplinary Committee.
Tampering, altering or destroying any authorized notice or poster.	
Shouting/bickering in the classroom, laboratory, library, passage etc.	
Organizing/ forming societies, clubs etc. other than those authorized by the university	
Publication of unauthorized bulletins/ magazines/ souvenirs/ journal etc.	
Unauthorized use of loud speakers	
Unauthorized playing of musical or similar instruments	
Spitting, sitting on stairways, walls, gates, railings, exits and passages.	Warning/monetary fine ranging from Tk. 500/- to Tk. 2000/- each.
Other minor offences	Monetary fine/ Expulsion from the University
<b>B. Major Offence</b>	<b>Penalties</b>
Major offences like ragging, violence, assaulting, misbehaving and harassing teachers, employees and girls etc.	Monetary fine/ Expulsion from the University for good.

Students are asked to take note of all the rules and regulations of the University including those related to examinations and follow those carefully. Students are warned not to involve in activities causing break of discipline. It is believed that they would maintain discipline so that the authority will not be compelled to take any disciplinary action against them.

**Students found in any form of *RAGGING* will be expelled for good from the university.**