



## National University of Sciences and Technology

### Course Description

<b>Course Title</b> Biology for Engineers	<b>Course Code</b> BMES-803	<b>Credit Hours</b> 0 – 0
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#### TEXT BOOK:

- Biochemistry. Tenth Edition. 2023. Jeremy Berg; Gregory Gatto Jr.; Justin Hines; John L. Tymoczko; Lubert Stryer. (latest edition).

#### REFERENCE BOOK

- Molecular biology of cell, 8th Edition. Harvey Lodish, Arnold Berk, Chris A. Kaiser, Monty Krieger, Anthony Bretscher, Hidde Ploegh, Angelika Amon, Kelsey C. Martin. 2016 (latest edition).

#### COURSE OBJECTIVES:

- N/a

#### COURSE OUTLINES

- Cell Structures
- Biological molecules
- Cell membranes and transport
- Cell and nuclear division
- Genetic control
- Gene Technology

#### ASSESSMENTS

Description	Percentage Weightage (%)
Assignments	05-10%
Quizzes	10-15%
Mid Semester Exams	30-40%
End Semester Exam	40-50%