

National University (NU)

Syllabus for

B. Sc (Hon's) in Apparel Manufacturing & Technology (AMT)

Course Structure:

Total Credit = 148

First Year, 1st semester

Code	Course Title	Credits	Remarks
AMT 101	Introduction to Apparel Business in Bangladesh	3	
AMT 102	Introduction of Textile Fiber	3	
AS 101	Basic Science: Physics	3	
AS 102	Basic Science: Chemistry	3	
FDT 103	Fashion Design-I:Elements of Design	3	
ENG 111	English Foundation Course: Part-1	3	
AMT 100	Apparel Industry & Fashion House Visit	1	
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First Year, 2nd Semester:

Code	Course Title	Credits	Remarks
AMT 121	Yarn Production	3	
AMT 122	Yarn Production-Lab	1	
AMT 123	Apparel Manufacturing Technology	3	
AMT 124	Apparel Manufacturing Technology-Lab	1	
AMT 125	Sewing Machine Engineering and Attachment	2	
ENG 121	English Foundation Course: Part-II	3	
AS 123	Basic Science: Mathematics	3	
BUS 121	Introduction to Economics	3	
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Second Year, 1st Semester:

Code	Course Title	Credits	Remarks
AMT 211	Introduction to Weaving & Knitting	3	
AMT 212	Clothing Materials and Techniques	3	
AMT 213	Bodice and Variations	2	
AMT 214	Cutting Room Technology	3	
AE 214	Fundamentals of Computer	3	
AS 215	Research Method and Statistics	3	
BUS 213	Principles of Marketing	3	

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Second Year, 2nd Semester:

Code	Course Title	Credits	Remarks
AMT 221	Apparel Dyeing Technology	3	
AMT 222	Apparel Dyeing Technology-Lab	1	
AMT 223	Apparel Printing and Finishing Technology	3	
AMT 224	Apparel Printing and Finishing Technology- lab	1	
AMT 225	Apparel Production System Analysis	3	
AMT 226	Pattern Grading	3	
AMT 227	Sewing Technology	3	
BUS 225	Human Resource Management	3	
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Third Year, 1st Semester:

Code	Course Title	Credits	Remarks
AMT 311	Advanced Apparel Production	3	
FDT 311	Surface Ornamentation & Decoration	2	
AMT 312	Variations of Bottoms and Dresses	2	
AMT 313	Sewing Construction and Techniques	3	
AMT 314	Apparel Engineering	3	
AS 310	Bangladesh Studies	2	
BUS 317	Production Planning	2	

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Third Year, 2nd Semester:

Code	Course Title	Credits	Remarks
AMT 321	Testing of Textiles	3	
AMT 322	Testing of Textiles-Lab	1	
AMT 323	CAD	2	
AS 325	Consumption and Costing of Apparel Production	2	
AS 326	Computing for Managers (E-Biz)	3	
AMT 324	Basic Apparel Washing	3	
BUS 324	Consumer Behavior	3	
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Fourth Year, 1st Semester:

Code	Course Title	Credits	Remarks
BUS 411	Quality Control Management	3	
AMT 411	Industrial Apparel Washing	3	
AMT 412	Product Development	3	
AMT 413	Tools and Techniques of Merchandisers	2	
BUS 412	ISO and Compliances	3	
BUS 413	Production and Operation Management	2	
AMT 414	Fully Fashioned Apparel Manufacturing	2	

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Fourth Year, 2nd Semester:

Code	Course Title	Credits	Remarks
AS 420	Environment and Pollution Control	2	
BUS 420	Principle and Practice of Export Import Business	3	
BUS 421	Fashion & Textile Brand Management	2	
AS 424	Advanced Quality Control Management	3	
AMT 423	Finishing Room: Wash and Care label	3	
AMT 424	Problem and Prospect of the RMG related Industries in Bangladesh	2	
AMT 400	Internship	3	
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