

Bachelor of Applied Engineering –

Common Year 3

1. BAE 401 Advanced Engineering Mathematics (9 pt)
2. BAE 402 Calculus (3 pt)
3. BAE 403 Engineering Mechanics (1 pt)
4. BAE 404 Engineering Materials & Thermodynamics (3 pt)
5. RE001- Foundation Studies in Renewable Energy and Sustainability (2 pt)
6. .RE003- Solar and Thermal Energy Systems (2 pt)
7. RE004- Energy Storage Systems (2 pt)
8. RE005- Renewable Energy Resource Analysis (2 pt)
9. RE006- Wind Energy Conversion Systems (2 pt)
10. RE010-Engineering Materials (2 pt)
11. RE012a-Electrical Engineering Part 1 (2pt)
12. RE016-Design& Management (BAE508) (2 pt)

Total points for Year 3-(32 Pt)

B Applied Engg (Mechanical)

YEAR 4 (Specialized)

1. RE011a-Civil & Mechanical Engineering Part 1 (2 pt)
(Assessment- Study Report)
2. RE011b-Civil & Mechanical Engineering Part 2a (2 pt)
(Assessment- Study Report)
3. BAE 606 Building Service Electrical & Mechanical Engineering (2 pt)
4. BAE311 Plant Engineering (2 pt)
5. BAE314 Mechanical Power Generation (2 pt)
6. BAE315 Materials Engineering (2 pt) Part 1 Part 2 (2 pt)
7. BAE511 Air-conditioning & Refrigeration Part 1 (2 pt)
8. BAE512 Building Service Water Supply System (2 pt)
9. BAE613 Mechanical Instrumentation Process(2 pt)
10. BAE614 Machine Design (2 pt)
11. RE007- Energy System Efficiency(2 pt)

12. BAE 601 Computer Programming(2 pt)

Total points for Year 4-(24 Pt)

Common Graduating Units (Year 5)

13 BAE 605 Engineering Management (4 pt)

14 BAE 608 Engineering Competency Demonstration Report

Total points for Year 3+4+ Final graduating subjects = 32+28+4= 60 pt