



Bachelor of Science in Mechanical Engineering

First Year – First Semester

Algebra and Trigonometry	3 units
General Chemistry	4 units
The Computer	3 units
Heuristics	3 units
Calculus 1	3 units
Computer Aided Drawing	3 units
First Aid	3 units

First Year – Second Semester

Material Science and Engineering	3 units
Analytic Geometry	3 units
Computer Programming 1 (VB.NET)	3 units
Physics 1	4 units
Calculus 2	3 units
English 1	3 units
Art Appreciation (Guitar Music)	3 units

Second Year – First Semester

Differential Equations	3 units
Statics of Rigid Bodies	3 units
Basic Electrical Engineering	3 units
Thermodynamics 1	3 units
Computer Programming 2 (C#.NET)	3 units
Filipino 1	3 units
English 2	3 units

Second Year – Second Semester

Engineering Data Analysis	3 units
Dynamics of Rigid Bodies	3 units
Basic Electronics	3 units
Thermodynamics 2	3 units
Machine Shop Theory	2 units
Engineering Management	2 units

Filipino 2	3 units
English 3	3 units

Third Year – First Semester

Mechanics of Deformable Bodies	3 units
Engineering Economy	3 units
DC and AC Machinery	3 units
Heat Transfer	2 units
Fluid Mechanics	3 units
Machine Elements	3 units
Vibration Engineering	3 units
Filipino 3	3 units
English 4	3 units

Third Year – Second Semester

Methods for Research for ME	1 units
Refrigeration Systems	3 units
Fluid Machineries	3 units
Combustion Engineering	2 units
Material Science and Engineering	3 units
Ethics	3 units
Filipino 4	3 units

Fourth Year – First Semester

ME Project Study 1	1 units
Air conditioning and Ventilation Systems	3 units
Control Engineering	2 units
Solar Power Plant	4 units
Machine Design 1	3 units
On the Job Training 1 (OJT)	3 units
Art Appreciation (Movies)	3 units

Fourth Year – Second Semester

Industrial Plant Engineering	4 units
ME Project Study 2	1 units
Machine Design 2	3 units
Basic Occupational Safety and Health	3 units
Seminars and Workshops	2 units
ME Laws, Ethics, Contracts, Codes & Standards	3 units
On the Job Training 2 (OJT)	3 units

Total Units **169 Units**

FASCILITIES AND TECHNOLOGIES

Microsoft University is known for its Engineering lifelike structure and methods that empowers students to be prepared for their future job and qualifications. The University also became popular for its years of inventions for CodeBase Electronics (CB).

WHAT IS CODEBASE ELECTRONICS?

CodeBase Electronics lets you design projects easily and can be understood by anyone. It focuses on computer interfaces to basic electronics that can create circuitry in a vast way even in advance. It is the analogy to understand binary systems (1 or 0).

SOFTWARES

WinBubble (Customize and Tweak Windows Easily), Windows Registry
Scour (Fastest and True Search Engine), VB.NET and Fastest Algorithm
Desktop Cities (upgrade to Windows OS), VB.NET or C#.NET
Lawrence Spreadsheet Technology, VB.NET or C#.NET
Notepad Coder, VB.NET or C#.NET
Complete CAD, VB.NET or C#.NET
Client-Server Technology

HARDWARE

Switched mode Power Supply, Battery charger with auto-stop diode, Emergency Lighting,
No Power Alarm Zero, Remote I/O Technology, No Power Alarm Logger, Power Line
Monitoring Systems (PLMS), Computerized Water Level Monitoring, Fuse Monitoring,
Battery Monitoring, Solar Monitoring, Computerized Temperature Logger Detection and
Train Logger

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