



Curriculum Checklist
BACHELOR OF SCIENCE in ELECTRONICS ENGINEERING

Name: _____ Student No.: _____

(Family Name) (Given Name) (M. I.)

Home Address: _____ Contact No.: _____

Email Address/FB Account: _____

Parent/Guardian's Contact No.: _____

FIRST YEAR - First Semester

| GRADE | COURSE NO. | DESCRIPTIVE TITLE | NO. OF HOURS/ WEEK | | UNITS | PRE-REQUISITES |
|-------|----------------|---|--------------------|----------|-----------|----------------|
| | | | LEC | LAB | | |
| | GEN ED 001 | Purposive Communication | 3 | 0 | 3 | None |
| | GEN ED 004 | Mathematics in Modern World | 3 | 0 | 3 | None |
| | MATH 114 | Calculus 1 | 4 | 0 | 4 | None |
| | MATH ENHANCE 1 | College Algebra & Calculus | 3 | 0 | 3 | None |
| | PHYS 1 | Physics for Engineers 1** | 3 | 3 | 4 | None |
| | CHEM 11 | Chemistry for Engineers** | 3 | 3 | 4 | None |
| | CAD 111 | Computer-Aided Drafting * | 0 | 3 | 1 | None |
| | PE 112 | (PATHFIT) Movement Competency Training | 2 | 0 | 2 | None |
| | NSTP 113 | CWTS, LTS, MTS (Naval or Air Force) - 1 | 3 | 0 | 3 | None |
| | | TOTAL | 24 | 9 | 27 | |

Note: Enhancement Course is not included in the computation of General Weighted Average.
 *Comp. Subject with computer fee. ** Subjects with laboratory fee

Name and Signature of Evaluator

FIRST YEAR - Second Semester

| GRADE | COURSE NO. | DESCRIPTIVE TITLE | NO. OF HOURS/ WEEK | | UNITS | PRE-REQUISITES |
|-------|----------------|---|--------------------|----------|-----------|----------------|
| | | | LEC | LAB | | |
| | GEN ED 002 | Understanding the Self | 3 | 0 | 3 | None |
| | GEN ED 008 | Science, Technology & Society | 3 | 0 | 3 | None |
| | MATH 124 | Calculus 2 | 4 | 0 | 4 | MATH 114 |
| | MATH ENHANCE 2 | Analytic Geometry & Solid Mensuration | 3 | 0 | 3 | MATH EN 1 |
| | PHYS 2 | Physics 2** | 3 | 3 | 4 | PHYS 1 |
| | MSE 123 | Materials Science and Engineering | 3 | 0 | 3 | CHEM 11 |
| | MGT 122 | Engineering Management | 2 | 0 | 2 | None |
| | PE 122 | (PATHFIT) Fitness Training | 2 | 0 | 2 | None |
| | NSTP 123 | CWTS, LTS, MTS (Naval or Air Force) - 2 | 3 | 0 | 3 | NSTP 113 |
| | | TOTAL | 26 | 3 | 27 | |

Note: Enhancement Course is not included in the computation of General Weighted Average.
 *Comp. Subject with computer fee. ** Subjects with laboratory fee

Name and Signature of Evaluator

SECOND YEAR - First Semester

| GRADE | COURSE NO. | DESCRIPTIVE TITLE | NO. OF HOURS/ WEEK | | UNITS | PRE-REQUISITES |
|-------|------------|--|--------------------|-----------|-----------|--------------------------------------|
| | | | LEC | LAB | | |
| | GEN ED 007 | The Contemporary World | 3 | 0 | 3 | None |
| | GEN ED 003 | Readings in Philippine History | 3 | 0 | 3 | None |
| | MATH 213 | Differential Equations | 3 | 0 | 3 | MATH 124 |
| | ECE 214 | Circuits 1** | 3 | 3 | 4 | PHYS 124 MATH 124 |
| | ECE 234 | Electronics1:Electronic Devices & Circuits** | 3 | 3 | 4 | PHYS 124 MATH 124 Co-req: ECE 214 |
| | COMP 212 | Computer Programming * | 0 | 6 | 2 | None |
| | PE 212 | (PATHFIT) Dance Sports. Group Exercises, Outdoor and Adventures Activities | 2 | 0 | 2 | None |
| | EDA 213 | Engineering Data Analysis | 4 | 0 | 4 | None |
| | | TOTAL | 20 | 12 | 25 | |

Note: *Comp. Subject with computer fee. ** Subjects with laboratory fee

Name and Signature of Evaluator

SECOND YEAR - Second Semester

| GRADE | COURSE NO. | DESCRIPTIVE TITLE | NO. OF HOURS/ WEEK | | UNITS | PRE-REQUISITES |
|-------|------------|--|--------------------|-----------|-----------|--|
| | | | LEC | LAB | | |
| | GEN ED 005 | Art Appreciation | 3 | 0 | 3 | None |
| | GEN ED 006 | Ethics | 3 | 0 | 3 | None |
| | ECE 223 | Advanced Engineering Mathematics for ECE* | 3 | 3 | 4 | MATH 213 |
| | ECE 224 | Circuits 2 ** | 3 | 3 | 4 | ECE 214 |
| | ECE 244 | Electronics 2:Electronic Circuit Analysis and Design ** | 3 | 3 | 4 | ECE 234, Co-req: ECE 224 |
| | ECE 264 | Communications 1: Principles of Communication Systems ** | 3 | 3 | 4 | ECE 214, ECE 234 Co-req: ECE 244 |
| | ECE 284 | Electromagnetics | 4 | 0 | 4 | MATH 213 Co-req: ECE 224 |
| | PE 222 | (PATHFIT) Dance Sports. Group Exercises, Outdoor and Adventures Activities | 2 | 0 | 2 | None |
| | | TOTAL | 24 | 12 | 28 | |

Note: *Comp. Subject with computer fee. ** Subjects with laboratory fee

Name and Signature of Evaluator

THIRD YEAR - First Semester

| GRADE | COURSE NO. | DESCRIPTIVE TITLE | NO. OF HOURS/ WEEK | | UNITS | PRE-REQUISITES |
|-------|------------|--|-----------------------|-----------|-----------|------------------------------|
| | | | LEC | LAB | | |
| | FIL 001 | Akademiko sa Wikang Filipino | 3 | 0 | 3 | None |
| | ECE 314 | Digital Electronics 1: Logic Circuits and Switching Theory ** | 3 | 3 | 4 | ECE 224, ECE 244 |
| | ECE 334 | Electronics 3: Electronic Systems and Design ** | 3 | 3 | 4 | ECE 244, ECE 224, ECE 264 |
| | ECE 354 | Signals, Spectra, Signal Processing ** | 3 | 3 | 4 | ECE 223, ECE 224, ECE 264 |
| | ECE 374 | Communications 2: Modulation and Coding Techniques ** | 3 | 3 | 4 | ECE 223, ECE 224, ECE 264 |
| | ECON 313 | Engineering Economics | 3 | 0 | 3 | MATH EN 1 |
| | | TOTAL | 18 | 12 | 22 | |

Note: ** Subjects with laboratory fee

Name and Signature of Evaluator

THIRD YEAR - Second Semester

| GRADE | COURSE NO. | DESCRIPTIVE TITLE | NO. OF HOURS/ WEEK | | UNITS | PRE-REQUISITES |
|-------|------------|---|-----------------------|-----------|-----------|----------------------|
| | | | LEC | LAB | | |
| | FIL 002 | Pagbasa at Pagsulat sa Iba't-Ibang Disiplina | 3 | 0 | 3 | None |
| | ECE 324 | Communications 3: Transmission Media and Antenna System & Design | 3 | 3 | 4 | ECE 374 |
| | ECE 344 | Communications 4: Data Communications | 3 | 3 | 4 | ECE 374 |
| | ECE 364 | Digital Electronics 2: Microprocessor, Microcontroller Systems & Design ** | 3 | 3 | 4 | ECE 314, COMP 212 |
| | ECE 384 | Feedback and Control Systems ** | 3 | 3 | 4 | ECE 223, ECE 354 |
| | ECE 383 | Methods of Research | 3 | 0 | 3 | None |
| | | TOTAL | 18 | 12 | 22 | |

Note: ** Subjects with laboratory fee

Name and Signature of Evaluator

Summer

| GRADE | COURSE NO. | DESCRIPTIVE TITLE | NO. OF HOURS | UNITS | PRE-REQUISITES |
|-------|------------|---------------------|--------------|-------|-------------------------------|
| | ECE 303 | On the job Training | 240 | 3 | 3 RD YEAR STANDING |

FOURTH YEAR - First Semester

| GRADE | COURSE NO. | DESCRIPTIVE TITLE | NO. OF HOURS/ WEEK | | UNITS | PRE-REQUISITES |
|-------|------------|---|-----------------------|----------|-----------|-------------------------------|
| | | | LEC | LAB | | |
| | RIZAL 001 | Rizal's Life and Works | 3 | 0 | 3 | None |
| | ECE 413 | Technopreneurship 101 for ECE | 3 | 0 | 3 | ECON 313 |
| | ECE 411 | Design 1 /Capstone Project 1 ** | 0 | 3 | 1 | ECE 383 ECE 374 ECE 364 |
| | ECE 414 | ECE Elective 1 ** | 3 | 3 | 4 | ECE 334 ECE 374 ECE 364 |
| | ENV 413 | Environmental Science and Engineering | 3 | 0 | 3 | None |
| | ECE 433 | ECE Laws, Contracts, Ethics, Standards & Safety | 3 | 0 | 3 | 4 th Year Standing |
| | | TOTAL | 15 | 6 | 17 | |

Note: ** Subjects with laboratory fee

Name and Signature of Evaluator

FOURTH YEAR - Second Semester

| GRADE | COURSE NO. | DESCRIPTIVE TITLE | NO. OF HOURS/ WEEK | | UNITS | PRE-REQUISITES |
|-------|------------|--|-----------------------|-----------|-----------|-------------------------------|
| | | | LEC | LAB | | |
| | LIT 001 | Panitikang Filipino | 3 | 0 | 3 | None |
| | ECE 401 | Seminars/Colloquium | 0 | 3 | 1 | 4 th Year Standing |
| | ECE 421 | Design 2 /Capstone Project 2 ** | 0 | 3 | 1 | ECE 411 |
| | ECE 424 | ECE Elective 2 ** | 3 | 3 | 4 | ECE 414 |
| | ECE 422 | Special Topics ** | 0 | 6 | 2 | 4 th Year Standing |
| | DRR 113 | Disaster Risk Reduction & Education in Emergencies | 3 | 0 | 3 | None |
| | | TOTAL | 9 | 15 | 14 | |

Note: ** Subjects with laboratory fee

Name and Signature of Evaluator

**Professional Courses-
Specialized ECE ELECTIVE**

Telecommunication
Micro Electronics
Power Electronics
Biomedical Electronics
Instrumentation & Control
Building info. & Comm. Tech.
Infrastructure
Computer
Broadcasting

SUMMARY:
No. of Units

General Education Courses 36
Professional Education Courses 75
Specialization Courses 40
Major Elective 8
Apprenticeship 3
Math Enhancement 6
DRR (Add-on) 3
PE 8
NSTP 6
TOTAL 185