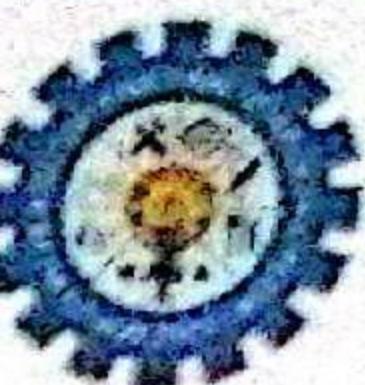




Republic of the Philippines  
SULTAN KUDARAT STATE UNIVERSITY

College of Engineering, Information Technology and Industrial Technology



Isulan Campus, Isulan Sultan Kudarat  
BACHELOR of SCIENCE in INDUSTRIAL TECHNOLOGY

MAJOR IN Electronics Technology  
Based on CMO 56, S. 2007 and CMO 79, s. 2017  
Effective S.Y 2018-2019

**FIRST YEAR**

| First Semester |              |  |  |    |    |     | Second Semester |  |              |  |  |    |    |       |          |
|----------------|--------------|--|--|----|----|-----|-----------------|--|--------------|--|--|----|----|-------|----------|
|                | Course Code. | Course Title   |  | Lc | Lb | CU  | Preq.           |  | Course Code. | Course Title   |  | Lc | Lb | CU    | Preq.    |
|                | IT 111       | Occupational Health & Safety                         |  | 1  | 0  | 1   | None            |  | ELX 121      | Electronically Controlled Domestic Appliances Repair and Maintenance |  | 3  | 6  | 5     | ELX 112  |
|                | ELX 112      | Basic Electronics                                    |  | 3  | 6  | 5   | None            |  | ELX 122      | Semi-Conductor Devices   |  | 2  | 3  | 3     | ELX 112  |
|                | GE 708       | Understanding the Self                               |  | 3  | 0  | 3   | None            |  | GE 702       | Purposive Communication  |  | 3  | 0  | 3     | None     |
|                | ID 111       | Industrial Drawing (Technical Drawing)               |  | 2  | 1  | 3   | None            |  | GE 714       | Sosyedad at Literatura/ Panitikang Panlipunan (SOSLIT)               |  | 3  | 0  | 3     | GE 713   |
|                | GE 713       | Kontekstwalisadong Komunikasyon sa Filipino (KOMFIL) |  | 3  | 0  | 3   | None            |  | GE ELEC 725  | Indigenous Creative Crafts   |  | 3  | 0  | 3     | None     |
|                | GE 701       | Mathematics in the Modern World                      |  | 3  | 0  | 3   | None            |  | ID 112       | Industrial Drawing (w/ CAD 2D)                                       |  | 2  | 1  | 3     | ID 111   |
|                | GE 705       | The Contemporary World                               |  | 3  | 0  | 3   | None            |  | PE 102       | Rhythmic Activities  |  | 2  | 0  | 2     | PE 101   |
|                | PE 101       | Physical Fitness and Self -testing Activities        |  | 2  | 0  | 2   | None            |  | NSTP 102     | National Services Training Program 2                                 |  | 3  | 0  | {3}   | NSTP 101 |
|                | NSTP 101     | National Service Training Program 1                  |  | 3  | 0  | {3} | None            |  | TOTAL        |  |  | 10 | 22 | Units |          |
|                | <b>TOTAL</b> |  |  |    | 7  | 23  | Units           |  |              |  |  |    |    |       |          |

**SECOND YEAR**

| First Semester |              |                                     |  |    |    |    | Second Semester |  |              |  |  |    |    |    |         |
|----------------|--------------|-------------------------------------|--|----|----|----|-----------------|--|--------------|--|--|----|----|----|---------|
|                | Course Code. | Course Title                        |  | Lc | Lb | CU | Preq.           |  | Course Code. | Course Title                                   |  | Lc | Lb | CU | Preq.   |
|                | ELX 211      | Audio System Repair and Maintenance |  | 3  | 6  | 5  | ELX 112         |  | ELX 221      | Video System Installation Repair & Maintenance |  | 3  | 6  | 5  | ELX 121 |
|                | ELX 212      | Industrial Electronics              |  | 2  | 3  | 3  | ELX 112         |  | ELX 222      | Instrumentation Process Control                |  | 2  | 3  | 3  | ELX 212 |
|                | ELX 213      | Programmable Logic Controller       |  | 2  | 3  | 3  | ELX 112         |  | ELX 223      | CCTV Installation & Repair                     |  | 2  | 3  | 3  | ELX 213 |
|                | GE 707       | Readings in Philippine History      |  | 3  | 0  | 3  | None            |  | Acctg 111    | Financial Accounting and Reporting             |  | 3  | 0  | 3  | None    |
|                | GE 711       | Cultures of Mindanao                |  | 3  | 0  | 3  | GE 702          |  | GE 709       | The Life and Works of Jose Rizal               |  | 3  | 0  | 3  | None    |
|                | MATH 009     | Industrial Mathematics              |  | 3  | 0  | 3  | GE 701          |  | IT 221       | Intellectual Property Rights                   |  | 3  | 0  | 3  | None    |
|                | IT 212       | Industrial Psychology               |  | 3  | 0  | 3  | GE 708          |  | IT 222       | Product Packaging and Labelling                |  | 3  | 0  | 3  | ID 111  |
|                | PE 103       | Team Sports                         |  | 2  | 0  | 2  | PE 101          |  | PE 104       | Recreational Activities                        |  | 2  | 0  | 2  | PE 101  |
|                | <b>TOTAL</b> |                                     |  |    | 12 | 25 | Units           |  |              | <b>TOTAL</b>                                   |  |    | 12 | 25 | Units   |

**THIRD YEAR**

### THIRD YEAR

#### First Semester

| Course Code. | Course Title                                | Lc        | Lb        | CU           | Preq.   |
|--------------|---|-----------|-----------|--------------|---------|
| ELX 311      | Digital Electronics                         | 3         | 6         | 5            | ELX 221 |
| ELX 312      | Pneumatic & Hydraulic System                | 2         | 3         | 3            | ELX 222 |
| ELX 313      | Micro Electronics                           | 2         | 3         | 3            | ELX 222 |
| GE 706       | Art Appreciation                            | 3         | 0         | 3            | None    |
| GE 704       | Science, Technology and Society             | 3         | 0         | 3            | None    |
| Stat 003     | Statistics with Computer Application        | 3         | 0         | 3            | GE 701  |
| GE 715       | Filipino at Iba't ibang Disiplina (FIELDIS) | 3         | 0         | 3            | None    |
| HTPC 1       | Foreign Language 1                          | 3         | 0         | 3            | None    |
|              | <b>TOTAL</b>                                | <b>12</b> | <b>26</b> | <b>Units</b> |         |

#### Second Semester

| Course Code. | Course Title  | Lc | Lb | CU       | Preq.        |
|--------------|---|----|----|----------|--------------|
| ELX 321      | Instrumentation Troubleshooting & Maintenance       | 3  | 6  | 5        | ELX 222      |
| ELX 322      | Industrial Robotics                                 | 2  | 3  | 3        | ELX 312      |
| TR 1         | Technology Research 1 (Thesis Writing)              | 3  | 0  | 3        | None         |
| IT 321       | Manufacturing Tech and Environmental Sustainability | 3  | 0  | 3        | None         |
| IT 322       | International Business                              | 3  | 0  | 3        | None         |
| IT 323       | Production Mgt. Quality Control                     | 3  | 0  | 3        | None         |
| HTPC 2       | Foreign Language 2                                  | 3  | 0  | 3        | HTPC 1       |
|              | <b>TOTAL</b>  |    |    | <b>9</b> | <b>23</b>    |
|              |   |    |    |          | <b>Units</b> |

### FOURTH YEAR

| First Semester |   |    |    |           |              |
|----------------|---|----|----|-----------|--------------|
| Course Code.   | Course Title                              | Lc | Lb | CU        | Preq.        |
| TR 2           | Technology Research 2 ( Special Project ) | 3  | 0  | 3         | All Major    |
| IT 411         | Human Resource Mgt.                       | 3  | 0  | 3         | GE 708       |
| IT 412         | Labor Code and Industry Practices         | 3  | 0  | 3         | None         |
| GE 703         | Ethics                                    | 3  | 0  | 3         | None         |
| IT 413         | Entrepreneurship & Business Mgt           | 3  | 0  | 3         | Acctng 111   |
| IT 414         | Technology for Business Presentation      | 3  | 0  | 3         | ID 112       |
| IT 415         | Prin. Of Training & Industrial Layout     | 3  | 0  | 3         | IT 321       |
|                | <b>TOTAL</b>                              |    |    | <b>21</b> | <b>Units</b> |

#### Second Semester

| Course Code. | Course Title                    | Lc | Lb | CU        | Preq.        |
|--------------|---------------------------------|----|----|-----------|--------------|
| IIM 411      | Industrial Immersion (720 Hrs.) |    |    | 30        | 12           |
|              | <b>Total</b>                    |    |    | <b>30</b> | <b>12</b>    |
|              |                                 |    |    |           | <b>Units</b> |

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Noted by:

MAXIMO C. ALJIBE, PhD, DPM, CESO III  
Regional Director,CHEDRO XII

#### Summary of the BSIT-Electronics Curriculum

|                        |     |
|------------------------|-----|
| General Education      | 39  |
| Professional Education | 42  |
| Madated Courses        | 3   |
| Institutional Courses  | 6   |
| Physical Education     | 8   |
| NSTP                   | 6   |
| Specialization         | 70  |
| Total Number of Units: | 174 |