**BACHELOR OF TECHNOLOGY AND LIVELIHOOD EDUCATION MAJOR IN INDUSTRIAL ARTS (BTLEd-Industrial Arts)**

(List of Courses by Semester)

BOR Resolution No. 129, Series of 2018

**First Year, First Semester**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Course No.** | **Course Title** | **Units** | **Hours/Week** | **Pre-requisite(s)** | **Co-requisite(s)** |
| **Lec** | **Lab** | **Total** |
| TLE101 | Introduction to Industrial Arts 1 | 3 | 3 | 0 | 3 | None | None |
| IAE100 | Basic Drafting | 2 | 2 | 0 | 2 | None | IAE100.1 |
| IAE100.1 | Basic Drafting Laboratory | 1 | 0 | 3 | 3 | None | IAE100 |
| IAE101 | Civil Technology 1 | 2 | 2 | 0 | 2 | None | IAE101.1 |
| IAE101.1 | Civil Technology 1 Laboratory | 1 | 0 | 3 | 3 | None | IAE101 |
| CPE100 | The Child and Adolescent Learners and Learning Principles | 3 | 3 | 0 | 3 | None | None |
| FIL101 | Wika at Kultura sa Mapayapang Lipunan | 3 | 3 | 0 | 3 | None | None |
| GEC105 | Readings in Philippine History | 3 | 3 | 0 | 3 | None | None |
| FPE101 | Fundamentals of Peace Education | 3 | 3 | 0 | 3 | None | None |
| PED001 | Exercise Prescription and Management | 2 | 2 | 0 | 2 | None | None |
| NST001 | National Service Training Program 1 | (3) | 3 | 0 | 3 | None | None |
|  | **Total** | **23 (26)** | **24** | **6** | **30** |  |  |

**First Year, Second Semester**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Course No.** | **Course Title** | **Units** | **Hours/Week** | **Pre-requisite(s)** | **Co-requisite(s)** |
| **Lec** | **Lab** | **Total** |
| TLE102 | Introduction to Industrial Arts 2 | 3 | 3 | 0 | 3 | TLE101 | None |
| IAE102 | Fundamentals of Electrical Technology  | 2 | 2 | 0 | 2 | IAE100 | IAE102.1 |
| IAE102.1 | Fundamentals of Electrical Technology Laboratory | 1 | 0 | 3 | 3 | IAE100.1 | IAE102 |
| IAE103 | Civil Technology 2 | 2 | 2 | 0 | 2 | IAE101 | IAE103.1 |
| IAE103.1 | Civil Technology 2 Laboratory | 1 | 0 | 3 | 3 | IAE101.1 | IAE103 |
| GEC106 | Art Appreciation | 3 | 3 | 0 | 3 | None | None |
| GEC101 | Understanding the Self | 3 | 3 | 0 | 3 | None | None |
| GEC102 | Purposive Communication | 3 | 3 | 0 | 3 | None | None |
| CPE101 | The Teaching Profession | 3 | 3 | 0 | 3 | None | None |
| NST002 | National Service Training Program 2 | (3) | 3 | 0 | 3 | NST001 | None |
| PED002 | Dance / Martial Arts | 2 | 2 | 0 | 2 | PED001 | None |
|  | **Total** | **23 (26)** | **24** | **6** | **30** |  |  |

**Second Year, First Semester**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Course No.** | **Course Title** | **Units** | **Hours/Week** | **Pre-requisite(s)** | **Co-requisite(s)** |
| **Lec** | **Lab** | **Total** |
| TLE103 | Home Economics Literacy | 3 | 3 | 0 | 3 | None | None |
| IAE104 | Applied Electrical Technology | 2 | 2 | 0 | 2 | IAE102 | IAE104.1 |
| IAE104.1 | Applied Electrical Technology Laboratory | 1 | 0 | 3 | 3 | IAE102.1 | IAE104 |
| IAE105 | Fundamentals of Automotive Technology | 2 | 2 | 0 | 2 | IAE102 | IAE105.1 |
| IAE105.1 | Fundamentals of Automotive Technology Laboratory | 1 | 0 | 3 | 3 | IAE102.1 | IAE105 |
| IAE106 | Fundamentals of Electronics Technology | 2 | 2 | 0 | 2 | IAE102 | IAE106.1 |
| IAE106.1 | Fundamentals of Electronics Technology Laboratory | 1 | 0 | 3 | 3 | IAE102.1 | IAE106 |
| FIL102 | Ekokritisismo at Pagpapahalaga sa Kalikasan | 3 | 3 | 0 | 3 | None | None |
| CPE105 | Assessment in Learning 1 | 3 | 3 | 0 | 3 | CPE100 | None |
| TVE100 | The Teacher and the Community, School Culture and Organizational Leadership with focus on the Philippine TVET System | 3 | 3 | 0 | 3 | CPE101 | None |
| PED003 | Individual/Dual/Sports/Traditional/Recreational Games | 2 | 2 | 0 | 2 | PED001 | None |
|  | **Total** | **23** | **20** | **9** | **29** |  |  |

**Second Year, Second Semester**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Course No.** | **Course Title** | **Units** | **Hours/Week** | **Pre-requisite(s)** | **Co-requisite(s)** |
| **Lec** | **Lab** | **Total** |
| TLE104 | Family and Consumer Life Skills | 3 | 3 | 0 | 3 | None | None |
| IAE107 | Domestic Refrigeration and Air-Conditioning | 2 | 2 | 0 | 2 | IAE102 | IAE107.1 |
| IAE107.1 | Domestic Refrigeration and Air-Conditioning Laboratory | 1 | 0 | 3 | 3 | IAE102.1 | IAE107 |
| IAE108 | Digital Electronics Technology | 2 | 2 | 0 | 2 | IAE106 | IAE108.1 |
| IAE108.1 | Digital Electronics Technology Laboratory | 1 | 0 | 3 | 3 | IAE106.1 | IAE108 |
| IAE109 | Graphic Arts | 2 | 2 | 0 | 2 | None | IAE109.1 |
| IAE109.1 | Graphic Arts Laboratory | 1 | 0 | 3 | 3 | None | IAE109 |
| GEC107 | Ethics | 3 | 3 | 0 | 3 | None | None |
| CPE103 | Foundation of Special and Inclusive Education  | 3 | 3 | 0 | 3 | CPE100 | None |
| TVE101 | Facilitating Learner-Centered Teaching: The Learner-Centered Approaches with Emphasis on Trainers Methodology 1 | 3 | 3 | 0 | 3 | TVE100 | None |
| TVE103 | Assessment in Learning 2 with focus on Trainers Methodology 1 & 2 | 3 | 3 | 0 | 3 | CPE105 | None |
| PED004 | Team Sports | 2 | 2 | 0 | 2 | PED001 | None |
|  | **Total** | **26** | **23** | **9** | **32** |  |  |

**Third Year, First Semester**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Course No.** | **Course Title** | **Units** | **Hours/Week** | **Pre-requisite(s)** | **Co-requisite(s)** |
| **Lec** | **Lab** | **Total** |
| TLE105 | Introduction to ICT 1 | 2 | 2 | 0 | 2 | None | TLE105.1 |
| TLE105.1 | Introduction to ICT 1 Laboratory | 1 | 0 | 3 | 3 | None | TLE105 |
| TLE106 | Agri-Fishery Arts 1 | 2 | 2 | 0 | 2 | None | TLE106.1 |
| TLE106.1 | Agri-Fishery Arts 1 Laboratory | 1 | 0 | 3 | 3 | None | TLE106 |
| IAE110 | Metalworks | 2 | 2 | 0 | 2 | IAE100 | IAE110.1 |
| IAE110.1 | Metalworks Laboratory | 1 | 0 | 3 | 3 | IAE100.1 | IAE110 |
| IAE111 | Applied Automotive Technology | 2 | 2 | 0 | 2 | IAE105 | IAE111.1 |
| IAE111.1 | Applied Automotive Technology Laboratory | 1 | 0 | 3 | 3 | IAE105.1 | IAE111 |
| GEC104 | Mathematics in the Modern World | 3 | 3 | 0 | 3 | None | None |
| CPE107 | Technology for Teaching and Learning 1  | 2 | 2 | 0 | 2 | CPE100 | CPE107.1 |
| CPE107.1 | Technology for Teaching and Learning 1 Laboratory | 1 | 0 | 3 | 3 | CPE100 | CPE107 |
| HIS003 | History of Filipino Muslims and Indigenous Peoples of MINSUPALA | 3 | 3 | 0 | 3 | None | None |
| CPE198 | Research Methods | 3 | 3 | 0 | 3 | TVE103 | None |
|  | **Total** | **24** | **19** | **15** | **34** |  |  |

**Third Year, Second Semester**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Course No.** | **Course Title** | **Units** | **Hours/Week** | **Pre-requisite(s)** | **Co-requisite(s)** |
| **Lec** | **Lab** | **Total** |
| TLE107 | Introduction to ICT2 | 2 | 2 | 0 | 2 | TLE105 | TLE107.1 |
| TLE107.1 | Introduction to ICT2 Laboratory | 1 | 0 | 3 | 3 | TLE105.1 | TLE107 |
| TLE108 | Agri-Fishery Arts 2 | 2 | 2 | 0 | 2 | TLE106 | TLE108.1 |
| TLE108.1 | Agri-Fishery Arts 2 Laboratory | 1 | 0 | 3 | 3 | TLE106.1 | TLE108 |
| TLE109 | Technology for Teaching and Learning 2 | 2 | 2 | 0 | 2 | CPE107 | TLE109.1 |
| TLE109.1 | Technology for Teaching and Learning 2 Laboratory | 1 | 0 | 3 | 3 | CPE107.1 | TLE109 |
| IAE112 | Commercial Refrigeration and Air-Conditioning | 2 | 2 | 0 | 2 | IAE107 | IAE112.1 |
| IAE112.1 | Commercial Refrigeration and Air-Conditioning Laboratory | 1 | 0 | 3 | 3 | IAE107.1 | IAE112 |
| TTE100.1 | Seminar on Occupational Health and Safety Laboratory | 2 | 0 | 6 | 6 | IAE111 | None |
| TVE104 | Curriculum Development and Evaluation with Emphasis on Trainers Methodology 2 | 3 | 3 | 0 | 3 | TVE100 | None |
| TVE105 | Building and Enhancing New Literacies Across the Curriculum with Emphasis on the 21st Century Skills | 3 | 3 | 0 | 3 | TVE100 | None |
| TTE199 | Undergraduate Thesis | 3 | 3 | 0 | 3 | CPE198 | None |
|  | **Total** | **23** | **17** | **18** | **35** |  |  |

**Third Year, Summer**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Course No.** | **Course Title** | **Units** | **Hours/Term** | **Pre-requisite(s)** | **Co-requisite(s)** |
| **Lec** | **Lab** | **Total** |
| TTE187 | Supervised Industrial Training | 3 | 0 | 250 | 250 | TTE100.1 | None |
|  | **Total** | **3** | **0** | **250** | **250** |  |  |

**Fourth Year, First Semester**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Course No.** | **Course Title** | **Units** | **Hours/Week** | **Pre-requisite(s)** | **Co-requisite(s)** |
| **Lec** | **Lab** | **Total** |
| TLE110 | Entrepreneurship in Technology Education | 3 | 3 | 0 | 3 | None | None |
| FIL103 | Inobasyon sa Wikang Filipino | 3 | 3 | 0 | 3 | None | None |
| GEC103 | The Contemporary World | 3 | 3 | 0 | 3 | None | None |
| GEC109 | Life and Works of Rizal | 3 | 3 | 0 | 3 | None | None |
| ELC101 | Field Study 1: Observations of Teaching-Learning in Actual School Environment | 3 | 3 | 0 | 3 | TVE105 | ELC102 |
| ELC102 | Field Study 2: Participation and Teaching Assistantship | 3 | 3 | 0 | 3 | TVE105 | ELC101 |
| GEC108 | Science, Technology and Society | 3 | 3 | 0 | 3 | None | None |
|  | **Total** | **21** | **21** | **0** | **21** |  |  |

**Fourth Year, Second Semester**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Course No.** | **Course Title** | **Units** | **Hours/Week** | **Pre-requisite(s)** | **Co-requisite(s)** |
| Lec | Lab | Total |
| ELC197 | Teaching Internship | 6 | 0 | 40 | 40 | ELC102 | None |
|  | **Total** | **6** | **0** | **40** | **40** |  |  |

**Grand Total: 172 (178) units**