

MUST Curriculum Planning for Undergraduate Students of Academic Year 2023-2026,
Department of Mechanical Engineering

| 1 st year(112) | | | | | 2 nd year(113) | | | | | 3 rd year(114) | | | | |
|--------------------------------------|--|-----|--------------------------|-----|---------------------------|-------------------------------------|-----|--------------------------|-----|---------------------------|--------------------------|-----|--------------------------|-----|
| Course | 1 st semester | | 2 nd semester | | Course | 1 st semester | | 2 nd semester | | Course | 1 st semester | | 2 nd semester | |
| | Cr. | hr. | Cr. | hr. | | Cr. | hr. | Cr. | hr. | | Cr. | hr. | Cr. | hr. |
| MUST Core Required Courses | Physical Education | 1 | 2 | 1 | 2 | | | | | | | | | |
| | Chinese Pinyin Pronunciation Practice | 1 | 2 | | | | | | | | | | | |
| | Chinese Listening Practice | 1 | 2 | | | | | | | | | | | |
| | Chinese Conversation Practice | 1 | 2 | | | | | | | | | | | |
| | Chinese Reading and Practice | 1 | 2 | | | | | | | | | | | |
| | Chinese Writing Practice | 1 | 2 | | | | | | | | | | | |
| | Chinese Language Counseling | 0 | 5 | | | | | | | | | | | |
| | Chinese literature | | | 3 | 3 | | | | | | | | | |
| | Chinese culture | | | 3 | 3 | | | | | | | | | |
| | Subtotal | 6 | 17 | 7 | 8 | | | | | | | | | |
| School Professional Required Courses | Technical / Business English(I) | 2 | 2 | | | | | | | | | | | |
| | Technical / Business English(II) | | | 2 | 2 | | | | | | | | | |
| | Subtotal | 2 | 2 | 2 | 2 | | | | | | | | | |
| Department compulsory courses | Career ethics and Factory affairs introduction | 3 | 3 | | | Industrial practice (I) | 9 | 9 | | | | | | |
| | Manufacturing Processes | 3 | 3 | | | Industrial practice (II) | | | 9 | 9 | | | | |
| | Mechanical Concept and Mechanical Drawing | | | 3 | 3 | Introduction to Quality Engineering | 3 | 3 | | | | | | |
| | Introduction to Mold and Die | | | 3 | 3 | Introduction to Machine Tools | | | 3 | 3 | | | | |
| | Subtotal | 6 | 6 | 6 | 6 | Subtotal | 12 | 12 | 12 | 12 | | | | |
| Department Elective Courses | Dimensioning system | | | 3 | 3 | | | | | | | | | |
| | Introduction to Plastic Material | | | 3 | 3 | | | | | | | | | |
| | Applied Mechanics (Statics) | 3 | 3 | | | | | | | | | | | |
| Subtotal | | | 3 | 3 | | | | | | | | | | |
| MUST Core Required Courses | | | | | | | | | | | | | | |
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| | Subtotal | | | | | | | | | | | | | |
| School Professional Required Courses | | | | | | | | | | | | | | |
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| | Subtotal | | | | | | | | | | | | | |
| Department compulsory courses | | | | | | | | | | | | | | |
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| | Subtotal | 0 | 0 | 0 | 0 | | | | | | | | | |
| Department Elective Courses | | | | | | | | | | | | | | |
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| | Subtotal | | | | | | | | | | | | | |

| 4 th year(115) | | | | | |
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| Course | 1 st semester | | 2 nd semester | | |
| | Cr. | hr. | Cr. | hr. | |
| MUST Core Required Courses | | | | | |
| Subtotal | | | | | |
| School Professional Required Courses | | | | | |
| Subtotal | | | | | |
| Department compulsory courses | | | | | |
| Subtotal | 0 | 0 | 0 | 0 | |
| Department Elective Courses | Industrial practice (III) | 9 | 9 | | |
| | Industrial practice (IV) | | | 9 | 9 |
| | Introduction to Systematic Innovation Method | 3 | 3 | | |
| | Practical design of products | 3 | 3 | | |
| | Technology in Reverse Engineering | 3 | 3 | | |
| | Application in Thermo Engineering | 3 | 3 | | |
| | Wind Power Generation Technology | | | 3 | 3 |
| | Surface Processing | | | 3 | 3 |
| | Computer Aided Manufacturing | | | 3 | 3 |
| | Metal Molding Design and Analysis | | | 3 | 3 |

Cr./hr.=Credit/hour
 Remarks:
 1. Minimum credits required for graduation: 128 credits including 92 compulsory credits, and at least 36 elective credits(including the interdepartmental elective credits).
 2. Undergraduate students shall take 5-hour chinese tutoring courses (0 credits) in the first semester of the second academic year.
 3. Inter-departmental elective credits are transferable. Professional elective course credits shall not be fewer than 24.
 4. Industrial practice (I)- Industrial practice (II)- Industrial practice (III)- Industrial practice (IV) maximum 80 hours per credit.
 5. The elective courses listed in the tables are subject to adaptation when necessary.

明新學校財團法人明新科技大學
 機械工程系課程規劃委員會

機械系王派祥
 課務委員

工程學院劉崇治
 院長

機械系主任王進安

2023/5/8