**Mechanical Engineering**

|  |  |
| --- | --- |
| Fall I | Credits |
| MAT 221 – CALCULUS I | 5 |
| PHY 201 – GENERAL PHYSICS I | 5 |
| EGR 105 – ENGINEERING FUNDAMENTALS | 3 |
| ENG 102 – CRITICAL WRITING | 3 |
| TOTAL | 16 |

|  |  |
| --- | --- |
| Spring I | Credits |
| MAT 222 – CALCULUS II | 5 |
| PHY 202 – GENERAL PHYSICS II | 5 |
| EGR 201 – STATICS | 3 |
| EGR 110/111 – ENGINEERING GRAPHICS | 3 |
| TOTAL | 16 |

|  |  |
| --- | --- |
| Fall II | Credits |
| MAT 223 – CALCULUS III | 5 |
| CHE 165 – CHEMESTRY FOR ENGINEERS  | 5 |
| EGR 203 – ENGINEERING MECHANICS | 4 |
| EGR 202 – DYNAMICS | 3 |
| TOTAL | 17 |

|  |  |
| --- | --- |
| Spring II | Credits |
| MAT 271 – DIFFERENTIAL EQUATIONS | 3 |
| EGR 282 – ENGINEERING ECONOMIC ANAYSIS | 3 |
| EGR 263 – THERMODYNAMICS | 3 |
| GEN. ED. | 6 |
| TOTAL | 15 |

**Electrical Engineering**

|  |  |
| --- | --- |
| Fall I | Credits |
| MAT 221 – CALCULUS I | 5 |
| PHY 201 – GENERAL PHYSICS I | 5 |
| EGR 105 – ENGINEERING FUNDAMENTALS | 3 |
| ENG 102 – CRITICAL WRITING | 3 |
| TOTAL | 16 |

|  |  |
| --- | --- |
| Spring I | Credits |
| MAT 222 – CALCULUS II | 5 |
| PHY 202 – GENERAL PHYSICS II | 5 |
| EGR 201 – STATICS | 3 |
| ELECTENG 1210\* – CIRCUIT MODELING I | 3 |
| TOTAL | 16 |

\*UW-Platteville Engineering Partnership Course

|  |  |
| --- | --- |
| Fall II | Credits |
| MAT 223 – CALCULUS III | 5 |
| CHE 165 – CHEMESTRY FOR ENGINEERS  | 5 |
| EGR 202 /203 – DYNAMICS / ENGINEERING MECHANICS | 3 / 4 |
| ELECTENG 2210\* – CIRCUIT MODELING II | 4 |
| TOTAL | 17 - 18 |

\*UW-Platteville Engineering Partnership Course

|  |  |
| --- | --- |
| Spring II | Credits |
| MAT 271 – DIFFERENTIAL EQUATIONS | 3 |
| PHY 205 – MODERN PHYSICS | 4 |
| EGR 282 – ENGINEERING ECONOMIC ANAYSIS | 3 |
| CPS 216 – PROGRAMMING C++ | 3 |
| ELECTENG 3020\* – ANALOG ELECTRONICS | 4 |
| TOTAL | 17 |

\*UW-Platteville Engineering Partnership Course

**Engineering Physics**

|  |  |
| --- | --- |
| Fall I | Credits |
| MAT 221 – CALCULUS I | 5 |
| PHY 201 – GENERAL PHYSICS I | 5 |
| EGR 105 – ENGINEERING FUNDAMENTALS | 3 |
| ENG 102 – CRITICAL WRITING | 3 |
| TOTAL | 16 |

|  |  |
| --- | --- |
| Spring I | Credits |
| MAT 222 – CALCULUS II | 5 |
| PHY 202 – GENERAL PHYSICS II | 5 |
| EGR 201 – STATICS | 3 |
| EGR 110/111 – ENGINEERING GRAPHICS | 3 |
| TOTAL | 16 |

|  |  |
| --- | --- |
| Fall II | Credits |
| MAT 223 – CALCULUS III | 5 |
| CHE 165 – CHEMESTRY FOR ENGINEERS  | 5 |
| EGR 203 – ENGINEERING MECHANICS | 4 |
| GEN. ED. | 3 |
| TOTAL | 17 |

|  |  |
| --- | --- |
| Spring II | Credits |
| MAT 271 – DIFFERENTIAL EQUATIONS | 3 |
| PHY 205 – MODERN PHYSICS | 4 |
| CPS 216 – PROGRAMMING C++ | 3 |
| GEN. ED. | 6 |
| TOTAL | 16 |