Table A: Precision Manufacturing Technology (CIMT-AOS) AY 2022-2023  
*Calendar Type:* Semester

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Term: Fall 1** |  |  |  |  |  |  |
| **Course Number & Title** | **CR** | **GE** | **MAJ** | **OPEN** | **NEW** | **Prerequisite(s)** |
| NPMT-131 Precision Manufacturing Technology I | 3 |  | 3 |  |  | Coreq. NPMT-101 |
| NTID General Education-Mathematics Foundation: NMTH-180 or above | 3 | 3 |  |  |  |  |
| NTID General Education-Career English Foundation: NENG-212 Career English I | 3 | 3 |  |  |  |  |
| NCAR-010 Freshman Seminar | 0 | 0 |  |  |  |  |
| NPMT-101 Blueprint Reading I | 3 |  | 3 |  |  |  |
| **Term Credit Total:** | 12 | 6 | 6 | 0 |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Term: Spring 1** |  |  |  |  |  |  |
| **Course Number & Title** | **CR** | **GE** | **MAJ** | **OPEN** | **NEW** | **Prerequisite(s)** |
| NTID General Education-Career English Foundation: NENG-213 Career English II | 3 | 3 |  |  |  | NENG-212 |
| NMTH-206 Trigonometry for Coordinate Analysis | 3 |  | 3 |  |  | NMTH-180 or placement score |
| NPMT-121 Precision Measurement I | 3 |  | 3 |  |  |  |
| NPMT-132 Precision Manufacturing Technology II | 3 |  | 3 |  |  | Prerq. NPMT-101, NPMT-131;  Coreq. NMTH-206, NPMT-121 |
| NPMT-214 CAD Applications | 3 |  | 3 |  |  |  |
| **Term Credit Total:** | 15 | 3 | 12 | 0 |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Term: Summer 1** |  |  |  |  |  |  |
| **Course Number & Title** | **CR** | **GE** | **MAJ** | **OPEN** | **NEW** | **Prerequisite(s)** |
| None |  |  |  |  |  |  |
| **Term Credit Total:** | 0 | 0 | 0 | 0 |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Term: Fall 2** |  |  |  |  |  |  |
| **Course Number & Title** | **CR** | **GE** | **MAJ** | **OPEN** | **NEW** | **Prerequisite(s)** |
| NPMT-233 Precision Manufacturing Technology III | 3 |  | 3 |  |  | Prerq. NPMT-132; Coreq. NPMT-251 |
| NPMT-251 Computer Numerical Control I | 3 |  | 3 |  |  | NPMT-132 |
| NPMT-241 Precision Optics Manufacturing I | 3 |  | 3 |  |  | NPMT-101,121 |
| NPMT-207 Industrial Materials | 3 |  | 3 |  |  | NPMT-131 |
| NPMT-201 Job Search Process for PMT | 2 |  | 2 |  |  |  |
| **Term Credit Total:** | 14 | 0 | 14 | 0 |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Term: Spring 2** |  |  |  |  |  |  |
| **Course Number & Title** | **CR** | **GE** | **MAJ** | **OPEN** | **NEW** | **Prerequisite(s)** |
| NPMT-234 Precision Manufacturing Technology IV | 3 |  | 3 |  |  | NPMT-233 |
| NPMT-252 Computer Numerical Control II | 3 |  | 3 |  |  | NPMT-251 |
| NPMT Program Technical Elective | 3 |  | 3 |  |  |  |
| NPMT 254 Introduction to Computer Aided Manufacturing | 3 |  | 3 |  |  | NPMT 214, NPMT 251 |
| NTID General Education-Scientific Processes Perspective: NSCI-120 or higher | 3 | 3 |  |  |  |  |
| **Term Credit Total:** | 15 | 3 | 12 | 0 |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Term: Summer 2** |  |  |  |  |  |  |
| **Course Number & Title** | **CR** | **GE** | **MAJ** | **OPEN** | **NEW** | **Prerequisite(s)** |
| NPMT-299 Co-op Study: Precision Manufacturing Technology |  |  | 0 |  |  | Department Permission |
| **Term Credit Total:** | 0 | 0 | 0 | 0 |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Term: Fall 3** |  |  |  |  |  |  |
| **Course Number & Title** | **CR** | **GE** | **MAJ** | **OPEN** | **NEW** | **Prerequisite(s)** |
| NPMT-235 Precision Manufacturing Technology V | 3 |  | 3 |  |  | Prerq. NPMT-234; Coreq. NPMT-236 |
| NPMT-236 Precision Manufacturing Technology V Lab | 3 |  | 3 |  |  | Prerq. NPMT-234; Coreq: NPMT-235 |
| NTID General Education-Perspective\* | 3 | 3 |  |  |  |  |
| NPMT Program Technical Elective | 3 |  | 3 |  |  |  |
| **Term Credit Total:** | 12 | 3 | 9 | 0 |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Total Credits (CR)** | **General Education (GE)** | **Major(MAJ)** | **Electives & Other**  **(OPEN)** |
| **Program Totals** | **68** | **15** | **53** | **0** |

***Notes:***

1. All students pursuing an Associate’s degree are also required to complete one Wellness course.

**\***NTID General Education Perspective course may be from any of these three Perspective course categories: ASL-Deaf Cultural Studies; Communication, Social & Global Awareness; and Creative and Innovative Exploration.

|  |  |  |  |
| --- | --- | --- | --- |
| **Program Technical Electives**  **Course Number** | **Title** | **Credits** | **Prerequisites** |
| NPMT-102 | Blueprint Reading II | 3 | NPMT-101 |
| NPMT-237 | Precision Grinding | 3 | NPMT-233 |
| NPMT-242 | Precision Optics Manufacturing II | 3 | NPMT-241 |
| NPMT-253 | Advanced CNC Concepts | 3 | NPMT-252, NPMT-254 |

**Change Log**

|  |  |
| --- | --- |
| **Effective Term** | **Curriculum Modification(s)** |
| 2221 | 3/23/21 mad |
| 2211 | New addition to the table; 2/4/20 djl |
| Older | 4/4/13; 4/24/14; 4/23/15 djp; 6/12/15 ph; 4/17/17; 5-30-17 fxk; 9/19/18 djl; 11/15/18 djl |