**Table 1a:  Undergraduate Program Schedule: Applied Mechanical Technology (NTID) – AAS**

           Indicate academic calendar type: \_\_x\_Semester \_\_\_Quarter      \_\_\_ Trimester              \_\_\_Other (describe)

           Label each term in sequence, consistent with the institution’s academic calendar (e.g., Fall  1, Spring  1, Fall  2)

           Copy/expand the table as needed to show additional terms

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term: Fall 1** | Check course classification (s) |   | **Term: Spring 1** |  (Check course classification (s) |
| **Course Number & Title** | CR | LAS | Maj | New | Prerequisite(s) |   | **Course Number & Title** | CR | LAS | Maj | New | Prerequisite(s) |
| NCAR-010 Freshman Seminar | 0 |  |  |  |  |  | Wellness Education | 0 |  |  |  |  |
| NETS-101 Fundamentals of Engineering | 3 |   |  ✓ |   |   |   |  NETS-120 Manufacturing Processes |  3 |   |   ✓ |   |  |
|  NETS-110 Foundations of Materials | 2 |   |  ✓ |   |  Co-req NETS-111 |   |  NETS-150 Mechanical Design & Fabrication |  3 |   |   ✓ |  |   Co-req NETS-151 |
|  NETS-111 Foundations of Materials Lab | 1 |   |  ✓ |   |  Co-req NETS-110 |   |  NETS-151 Mechanical Design & Fabrication Lab |  1 |   |   ✓ |   |   Co-req NETS-150 |
|  General Education Elective: MATH-171 Calculus A  | 3 | ✓ |   |   |   |   |  MATH-172 Calculus B |  3 | ✓ |   |   |   |
|  UWRT-100 Critical Reading and Writing | 3 |  | ✓ |  |  |  |  General Education Scientific Principles Perspective: PHYS-111 College Physics I |  4 | ✓ |   |   |   |
|  General Education Elective: CHMG-131 General Chemistry for Engineers | 3 | ✓ |   |   |   |   | UWRT-150 First Year Writing Seminar |  3 | ✓ |   |   |   |
| Term credit total: |  15 | 6 |  9 |                                                     |   | Term credit total: |  17 |  10 |  7 |  |
| **Term: Fall 2** | Check course classification (s) |   | **Term: Spring 2** | (Check course classification (s) |
| **Course Number & Title** | CR | LAS | Maj | New | Prerequisite(s) |   | **Course Number & Title** | CR | LAS | Maj | New | Prerequisite(s) |
|  MCET-220 Principles of Statics |  3 |   |   ✓ |   | PHYS-111 |   |  MCET-221 Strength of Materials |  4 |   |   ✓ |   | MCET-220 |
|  MCET-210 Foundations of Non-metallic Materials |  2 |   |   ✓ |   | NETS-110/111, CHMG-131; co-req. MCET-211 |   |  EEET-215 Circuits and Electronics |  2 |   |   ✓ |   | MATH-111 or higher; co-req. EEET-216  |
|  MCET-211 Characterization of Non-metallic Materials Lab |  1 |   |   ✓ |    | NETS-110/111; co-req. MCET-210  |   |  EEET-216 Circuits and Electronics Laboratory |  1 |   |   ✓ |   | Co-req. EEET-215 |
|  PHYS-112 College Physics II |  4 |  ✓ |   |   | PHYS-111 |   |  MATH-211 Elements of Multivariable Calculus and Differential Equations |  3 |   |   ✓ |   | MATH-172 |
| General Education Artistic Perspective |  3 |  ✓  |    |   |   |   |  General Education Global Perspective |  3 | ✓  |  |  |  |
| General Education Ethical Perspective |  3 |  ✓  |   |   |   |   |  General Education Social Perspective |  3 |  ✓  |   |   |   |
| Term credit total: |  16 |  10 |  6 |   |   | Term credit total: |  16 |  6 | 10 |  |
| **Term:**  | Check course classification (s) |   | **Term:** | Check course classification (s) |
| **Course Number & Title** | CR | LAS | Maj | New | Prerequisite(s) |   | **Course Number & Title** | CR | LAS | Maj | New | Prerequisite(s) |
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|  |  |  |  |  |   | Term credit total: |  0 |  0 |  0 |   |
| **Program Totals:** | **Credits: 64** | **Liberal Arts & Sciences: 32** | **Major: 32** | **Elective & Other: 0** |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**Cr:**  credits     **LAS:** liberal arts & sciences      **Maj:**  major requirement           **New:**  new course                      **Prerequisite(s):** list prerequisite(s) for the noted courses