**Table 1a:  Undergraduate Program Schedule: Computer Aided Drafting Technology) (NTID) - AOS**

           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: Summer 2** |  (Check course classification (s) |
| **Course Number & Title** | CR | LAS | Maj | New | Prerequisite(s) |   | **Course Number & Title** | CR | LAS | Maj | New | Prerequisite(s) |
|  NCAD-112 Computing Tools for Engineering Technology | 3 |   |  ✓ |   |  None |   |  NCAD-299 Co-op: CADT |  0 |   |   ✓ |   | NCAD-201 |
|  NCAD-150 Engineering Graphics in AEC | 3 |   |  ✓ |   |  None |   |   |   |   |   |   |   |
| NTID LAS Foundation – NENG-212 Career English I | 3 |  ✓ |   |   |   |   |   |   |   |   |   |   |
| NTID LAS Foundation – Math (NMTH-212 Integrated Algebra) | 3 | ✓ |  |  | Math placement code equal to 30 or 35 |  |  |  |  |  |  |  |
|  NCAR-010 Freshman Seminar | 0 |   |   |   |   |   |   |   |   |   |   |   |
| Term credit total: | 12 | 6 |  6 |                                                     |   | Term credit total: |  0 |  0 |  0 |   |
| **Term: Spring 1** | Check course classification (s) |   | **Term: Fall 3** | (Check course classification (s) |
| **Course Number & Title** | CR | LAS | Maj | New | Prerequisite(s) |   | **Course Number & Title** | CR | LAS | Maj | New | Prerequisite(s) |
|  NCAD-170 Construction CAD I |  3 |   |   ✓ |   | None |   |  NCAD-240 Advanced Construction CAD |  3 |   |   ✓ |   | NCAD-230, NCAD-265,NCAD-275, NCAD-285,NCAD-250 (co-req) |
|  NCAD-108 Data Collection& Analysis |  3 |   |   ✓ |   |  NCAD-150 |   |  NCAD-250 Presentation Graphics |  3 |   |   ✓ |   |  NCAD-240 (co-req) |
|  NCAD-180 Civil Technology Graphics |  3 |   |   ✓ |   |  NCAD-150 |   | Technical Elective \*\* |  3 |   |   ✓ |   |   |
|  NMTH-220 Trigonometry |  3 |  |  ✓ |   |  NMTH-212 or higher |   | NTID LAS Perspective\* |  3 |   ✓ |   |   |   |
|  NTID LAS Foundation –NENG-213 Career English II |  3 | ✓ |   |   |  NENG-212 |   |  |  |  |  |  |  |
|  xxxx-xxx PE-Wellness |  0 |   |   |   |   |   |   |   |   |   |   |   |
| Term credit total: |  15 |  3 |  12 |   |   | Term credit total: |  12 |  3 |  9 |   |
| **Term: Fall 2** | 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) |
|  NCAD-220 Construction CAD II |  3 |   |   ✓ |   | NCAD-108, NCAD-170 |   |   |   |   |   |   |   |
|  NCAD-255 Construction Material and Methods I |  3 |   |   ✓ |   | NCAD-108, NCAD-170 |   |   |   |   |   |   |   |
|  NCAD-275 Principles of Structural Systems |  3 |   |   ✓ |   | NCAD-108, NCAD-170 |   |   |   |   |   |   |   |
|  NTID LAS Perspective – Scientific Processes (NSCI-154 Physics of Matter) |  3 |   ✓ |   |   | NMTH-180 or above |   |   |   |   |   |   |   |
|  NCAD-201 Job Search Process for CADT |  3 |   |   ✓ |   |   |   |   |   |   |   |   |   |
|   |  |   |   |   |   |   |   |   |   |   |   |   |
| Term credit total: |  15 |  3 |  12 |   |   | Term credit total: |   |   |   |   |
| **Term: Spring 2** | 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) |
|  NCAD-230 Construction CAD III |  3 |   |   ✓ |   | NCAD-220, NCAD-255 |   |   |   |   |   |   |   |
|  NCAD-265 Construction Materials and Methods II |  3 |   |   ✓ |   |  NCAD-255  |   |   |   |   |   |   |   |
|  NCAD-285 MEP Systems |  3 |   |   ✓ |   |  NCAD-220 |   |   |   |   |   |   |   |
| NCAD-245 Energy Modeling for Sustainable Construction  | 3 | - |   ✓ |   | NCAD 220 |   |   |   |   |   |   |   |
| Term credit total: |  12 |   |  12 |   |   | Term credit total: |   |   |   |   |
| **Program Totals:** | **Credits: 66**  | **Liberal Arts & Sciences: 15** | **Major: 51** | **Elective & Other: 0** |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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

**#pending NYSED approval of program title change**

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

**\*\*Technical Elective**: Choose one from the following list of courses, or by departmental approval.

NAIS-120 Principles of Design and Color

NAIS-130 Raster and Vector Graphics

NHSS-223 Scenic and Lighting Technology

NHSS-248-02 Theatre Practicum-Lighting

NHSS-248-08 Theatre Practicum-Set Construction

CVET-140 Materials of Construction & CVET-141 Materials of Construction Laboratory (permission required)

CVET-160 Surveying & CVET-161 Surveying Laboratory (permission required)

NCAD-280 GIS Fundamentals