**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