**Table 1a:  Undergraduate Program Schedule: Applied Computer 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 |  |  |  |  |  | NACT-151 Windows Operating Systems | 3 |  | X |   | NACT-150 |
| ASL/Deaf Cultural Studies\* |  |  |  |  |  |  | NACT-161 Client-Server Networks | 3 |  | X |   | NACT-160 |
| NACT-150 Intro to PC Hardware | 3 |  | X |  |  |   | NACT-155 Non-Windows Operating Systems | 3 |  | X |   | NACT-150 |
| NACT-160 Networking Essentials | 3 |  | X |  |  |   | UWRT-150 FYW: Writing Seminar | 3 | X |  |   |   |
| NACT-170 Intro to Web Development | 3 |  | X |  |  |   | LAS -P1: Ethical\* | 3 | X |  |   |   |
| LAS Elective\* | 3 | X |  |  |  |   | Wellness Education | 0 |  |  |  |  |
| LAS-E (NTID Math) | 3 | X |  |  |  |   |  |  |  |  |  |  |
| **Term credit total:** | **15** | **6** | **9** |  |   | **Term credit total:** | **15** | **6** | **9** |   |
| **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) |
| NACT-200 Help Desk Support | 3 |  | X |   | NACT-151, NACT-161 |   | NACT-295 ACT Technical Capstone  | 3 |  | X |  | NACT-170, NACT-200 |
| Concentration Course CTS: NACT-250 Computer and Data SecurityOR NCS: NACT-260 LAN WAN Design | 3(3)(3) |  | X(X)(X) |   | (NACT-151, NACT 161)(NACT-161) |   | Concentration Course CTS: NACT-251 Digital Systems IntegrationOR NCS: NACT-261 Network Security  | 3(3)(3) |  | X(X)(X) |   | (NACT-155, NACT-160, NACT-230)(NACT-161)  |
| NACT-230 Introduction to Programming | 3 |  | X |   | NACT-170, NMTH-120 or above |   | NACT-235 Intro to Database Applications | 3 |  | X |   |  |
| NACT-240 The World of Work | 3 |  | X |  |  |   | LAS-P3: Global\* | 3 | X |  |   |  |
| LAS- P2: Artistic \* | 3 | X |  |   |   |  | LAS-P4: Social\* | 3 | X |  |   |   |
| **Term credit total:** | **15** | **3** | **12** |   |   | **Term credit total:** | **15** | **6** | **9** |   |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term: Summer 2**  | 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) |
| NACT-299 Co-op: Applied Computer Tech | 0 |  | X |   | NACT-240, NACT-295 |  | Concentration Course CTS: NACT-252 Server Management and SecurityOR NCS: NACT-262 Fundamentals of System Administration | 3(3)(3) |  | X(X)(X) |  | (NACT-151, NACT-161)(NACT-155, NACT-260) |
|  |  |  |  |  |  |  | ACT Program Elective\*\* | 3 |  | X |  |
|  |  |  |  |   |  |  | ACT Program Elective\*\* | 3 |  | X |  |
|  |  |  |  |   |  |  | LAS-P6: Scientific Principles\* | 3 | X |  |  |
| **Term credit total:** | **0** | **0** | **0** |  |  | **Term credit total** | **12** | **3** | **9** |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |
| **Program Totals:** | **Credits: 72** | **Liberal Arts & Sciences: 24** | **Major: 48** | **Elective & Other: 0** |

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

\*An ASL-Deaf Cultural Studies (AASASLDCS) course is required for graduation. It can be taken in any semester and can be taken at NTID or another college of RIT. In order to fulfill this requirement as part of the 72 credits in the program, it should be a course approved for *both* AASASLDCS *and* an LAS Perspective or LAS Elective.

 \*\* ACT Program Electives: Students can choose from the list of ACT elective courses below or take electives from another NTID major with approval from the ICS Department Chair.

|  |  |  |
| --- | --- | --- |
| **ACT Elective courses** | **Credit** | **Prerequisite(s)** |
| NACT-250 Computer and Data Security§ | 3 | NACT-151, NACT 161 |
| NACT-251 Digital Systems Integration§ | 3 | NACT-155, NACT-160, NACT-230 |
| NACT-255 A+ Certification Prep | 3 | NACT-200 |
| NACT-260 LAN WAN Design† | 3 | NACT-161 |
| NACT-261 Network Security† | 3 | NACT-161 |
| NACT-265 Network+ Certification Prep | 3 | NACT-200, NACT-260, NACT-261 |
| NACT-266 Network Defense Technologies | 3 | NACT-260, NACT-261  |
| NACT-270 Web Applications | 3 | NACT-170, NACT-230, NACT-235 |
| NACT-271 Client-Side Scripting | 3 | NACT-170, NACT-230 |
| NGRP-220 Videography | 3 | None  |
| NACC-130 Personal Finance | 3 | None |
| NBUS-227 Principles of Marketing | 3 | NBUS-225 or equivalent |
| NBUS-200 Orientation to Business | 3 | None |
| NAIS-130 Raster and Vector Graphics | 3 | None |
| NAIS-160 Web Design I | 3 | None |

§***Students taking the NCS concentration may take this course from the CTS concentration as an elective***

**†*Students taking the CTS concentration may take this course from the NCS concentration as an elective***