Table A: Applied Computer Technology (APLCMP-AAS) AY 2021-2022
*Calendar Type:* Semester

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Term: Fall 1** |  |  |  |  |  |  |
| **Course Number & Title** | **CR** | **GE** | **MAJ** | **OPEN** | **NEW** | **Prerequisite(s)** |
| NCAR-010 Freshman Seminar | 0 |  | 0 |  |  |  |
| NACT-150 Intro to PC Hardware | 3 |  | 3 |  |  |  |
| NACT-160 Networking Essentials | 3 |  | 3 |  |  |  |
| NACT-170 Intro to Web Development | 3 |  | 3 |  |  |  |
| General Education - Elective\* | 3 | 3 |  |  |  |  |
| General Education – Elective: NMTH-120 or above | 3 | 3 |  |  |  |  |
| **Term Credit Total:** | 15 | 6 | 9 | 0 |  |  |

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| **Term: Spring 1** |  |  |  |  |  |  |
| **Course Number & Title** | **CR** | **GE** | **MAJ** | **OPEN** | **NEW** | **Prerequisite(s)** |
| NACT-151 Windows Operating Systems | 3 |  | 3 |  |  | NACT-150 |
| NACT-161 Client-Server Networks | 3 |  | 3 |  |  | NACT-160 |
| NACT-155 Non-Windows Operating Systems | 3 |  | 3 |  |  | NACT-150 |
| General Education – First Year Writing: UWRT-150 FYW: Writing Seminar (WI) | 3 | 3 |  |  |  |   |
| General Education – Ethical Perspective\* | 3 | 3 |  |  |  |   |
| **Term Credit Total:** | 15 | 6 | 9 | 0 |  |  |

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

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| **Term: Fall 2** |  |  |  |  |  |  |
| **Course Number & Title** | **CR** | **GE** | **MAJ** | **OPEN** | **NEW** | **Prerequisite(s)** |
| NACT-200 Help Desk Support | 3 |  | 3 |  |  | NACT-151, NACT-161 |
| Concentration Course CTS: NACT-250 Computer and Data Security OR NCS: NACT-260 LAN WAN Design | 3 |  | 3 |  |  | (NACT-151, NACT 161)(NACT-161) |
| NACT-230 Introduction to Programming | 3 |  | 3 |  |  | NACT-170, NMTH-120 or above |
| NACT-240 The World of Work | 3 |  | 3 |  |  |   |
| General Education - Artistic Perspective\* | 3 | 3 |  |  |  |  |
| **Term Credit Total:** | 15 | 3 | 12 | 0 |  |  |

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| **Term: Spring 2** |  |  |  |  |  |  |
| **Course Number & Title** | **CR** | **GE** | **MAJ** | **OPEN** | **NEW** | **Prerequisite(s)** |
| NACT-295 ACT Technical Capstone  | 3 |  | 3 |  |  |  NACT-170, NACT-200 |
| Concentration Course CTS: NACT-251 Digital Systems Integration OR NCS: NACT-261 Network Security  | 3 |  | 3 |  |  |  (NACT-155, NACT-160, NACT-230)(NACT-161) |
| NACT-235 Intro to Database Applications | 3 |  | 3 |  |  |  |
| General Education - Global Perspective\* | 3 | 3 |  |  |  |  |
| General Education - Social Perspective\* | 3 | 3 |  |  |  |  |
| **Term Credit Total:** | 15 | 6 | 9 | 0 |  |  |

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| **Term: Summer 2** |  |  |  |  |  |  |
| **Course Number & Title** | **CR** | **GE** | **MAJ** | **OPEN** | **NEW** | **Prerequisite(s)** |
| NACT-299 Co-op: Applied Computer Tech |  |  | 0 |  |  | NACT-240, NACT-295 |
| **Term Credit Total:** | 0 | 0 | 0 | 0 |  |  |

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| **Term: Fall 3** |  |  |  |  |  |  |
| **Course Number & Title** | **CR** | **GE** | **MAJ** | **OPEN** | **NEW** | **Prerequisite(s)** |
| Concentration Course CTS: NACT-252 Server Management and Security OR NCS: NACT-262 Fundamentals of System Administration | 3 |  | 3 |  |  |  (NACT-151, NACT-161)(NACT-155, NACT-260) |
| ACT Program Elective\*\* | 3 |  | 3 |  |  |  |
| ACT Program Elective\*\* | 3 |  | 3 |  |  |  |
| General Education – Scientific Principles Perspective\* | 3 | 3 |  |  |  |  |
| **Term Credit Total:** | 12 | 3 | 9 | 0 |  |  |

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|  | **Total Credits (CR)** | **General Education ( GE )** | **Major(MAJ)** | **Electives & Other****(OPEN)** |
| **Program Totals** | **72** | **24** | **48** | **0** |

***Notes:***

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

\*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 must be a course approved for *both* AASASLDCS *and* General Education - Perspective or General Education - Elective.

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| **\*\*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.***  |
| **Course Title** | **Credits** | **Prerequisites** |
| 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 |

Revision Log:

Table 1a: 4-4-13;ssl; 4-21-15dl; 4-22-15 ph; 5-7-15mg; 4-17-17mg; 5-3-17EMOfxk; 5-30-17fxk; 9-17-18fxk(Wellness added)

Table A (starting AY20-21)