Table A: Applied Computer Technology (APLCMP-AOS) AY 2023-2024  
*Calendar Type:* Semester

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Term: Fall 1** |  |  |  |  |  |  |
| **Course Number & Title** | **CR** | **GE** | **MAJ** | **OPEN** | **NEW** | **Prerequisite(s)** |
| NACT-150 Intro to PC Hardware | 3 |  | 3 |  |  |  |
| NACT-160 Networking Essentials | 3 |  | 3 |  |  |  |
| NACT-170 Intro to Web Development | 3 |  | 3 |  |  |  |
| NCAR-010 Freshman Seminar | 0 |  | 0 |  |  |  |
| NTID General Education Foundation – Career English: NENG-212 Career English I | 3 | 3 |  |  |  | NENG-113 |
| NTID General Education Foundation – Mathematics: NMTH-140 or above | 3 | 3 |  |  |  |  |
| **Term Credit Total:** | 15 | 6 | 9 | 0 |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Term: Spring 1** |  |  |  |  |  |  |
| **Course Number & Title** | **CR** | **GE** | **MAJ** | **OPEN** | **NEW** | **Prerequisite(s)** |
| NACT-151 Windows Operating Systems | 3 |  | 3 |  |  | C or better in NACT-150 |
| NACT-161 Client-Server Networks | 3 |  | 3 |  |  | C or better in NACT-160 |
| NACT-155 Non-Windows Operating Systems | 3 |  | 3 |  |  | C or better in NACT-150 |
| NTID General Education Foundation – Career English: NENG-213 Career English II | 3 | 3 |  |  |  | NENG-212 |
| **Term Credit Total:** | 12 | 3 | 9 | 0 |  |  |

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Term: Fall 2** |  |  |  |  |  |  |
| **Course Number & Title** | **CR** | **GE** | **MAJ** | **OPEN** | **NEW** | **Prerequisite(s)** |
| NACT-200 Help Desk Support | 3 |  | 3 |  |  | C or better in NACT-151 and C or better in NACT-161 |
| Concentration Course  CTS: NACT-253 Cloud Computing Concepts  or  NCS: NACT-260 LAN WAN Design | 3  3 |  | 3  3 |  | x | (C or better in NACT 161)  (C or better in NACT-161) |
| NACT-230 Introduction to Programming | 3 |  | 3 |  |  | NMTH-140 or above and C or better in NACT-170 |
| NACT-240 The World of Work | 3 |  | 3 |  |  | C or better in NACT-155 and C or better in NACT-161 |
| **Term Credit Total:** | 12 | 0 | 12 | 0 |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Term: Spring 2** |  |  |  |  |  |  |
| **Course Number & Title** | **CR** | **GE** | **MAJ** | **OPEN** | **NEW** | **Prerequisite(s)** |
| NACT-295 ACT Technical Capstone | 3 |  | 3 |  |  | C or better in NACT-170 and C or better in NACT-200 |
| Concentration Course  CTS: NACT-255 A+ Certification Prep  or  NCS: NACT-261 Network Security | 3  3 |  | 3  3 |  | x | (C or better in NACT-200)  (C or better in NACT-161) |
| NACT-235 Intro to Database Applications | 3 |  | 3 |  |  |  |
| NTID General Education - Perspective\* | 3 | 3 |  |  |  |  |
| **Term Credit Total:** | 12 | 3 | 9 | 0 |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Term: Fall 3** |  |  |  |  |  |  |
| **Course Number & Title** | **CR** | **GE** | **MAJ** | **OPEN** | **NEW** | **Prerequisite(s)** |
| Concentration Course  CTS: NACT-250 Computer and Data Security  or  NCS: NACT-262 Fundamentals of System Administration | 3  3 |  | 3  3 |  |  | (C or better in NACT-151, C or better in NACT-161, and C or better in NACT-253)  (C or better in NACT-155 and C or better in NACT-260) |
| ACT Program Elective\*\* | 3 |  | 3 |  |  |  |
| ACT Program Elective\*\* | 3 |  | 3 |  |  |  |
| NTID General Education - Perspective\* | 3 | 3 |  |  |  |  |
| **Term Credit Total:** | 12 | 3 | 9 | 0 |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Total Credits (CR)** | **General Education (GE)** | **Major(MAJ)** | **Electives & Other**  **(OPEN)** |
| **Program Totals** | **63** | **15** | **48** | **0** |

***Notes:***

1. All students pursuing an Associate’s degree are also required to complete one Wellness course.
2. CTS: Computer Technical Support Concentration

NCS: Networking and Cyber Security Concentration

\*NTID General Education 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

\*\* **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 | C or better in NACT-151, C or better in NACT 161, and C or better in NACT-253 |
| NACT-251 Digital Systems Integration§ | 3 | C or better in NACT-155, C or better in NACT-160, and C or better in NACT-230 |
| NACT-252 Server Management & Security | 3 | C or better in NACT-151, and C or better in NACT-161 |
| NACT-253 Cloud Computing Concepts§ | 3 | C or better in NACT 161 |
| NACT-255 A+ Certification Prep§ | 3 | C or better in NACT-200 |
| NACT-260 LAN WAN Design† | 3 | C or better in NACT-161 |
| NACT-261 Network Security† | 3 | C or better in NACT-161 |
| NACT-262 Fundamentals of System Administration† | 3 | C or better in NACT-155 and C or better in NACT-260 |
| NACT-265 Network+ Certification Prep | 3 | C or better in NACT-200, C or better in NACT-260, and C or better in 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 |
| NACT-275 Security+ Certification Prep | 3 | C or better in NACT-200, C or better in NACT-250, C or better in NACT-260, and C or better in NACT-261 |
| NGRP-220 Videography | 3 | None |
| NACC-130 Personal Finance | 3 | None |
| NBUS-227 Principles of Marketing | 3 |  |
| NBUS-200 Orientation to Business | 3 | None |
| NAIS-130 Raster and Vector Graphics | 3 | None |
| NAIS-160 Web Design I | 3 | None |

§ Only students taking the NCS concentration may take this course from the CTS required curriculum as an elective

† Only students taking the CTS concentration may take this course from the NCS required curriculum as an elective

**Change Log**

|  |  |
| --- | --- |
| **Effective Term** | **Curriculum Modification(s)** |
| 2225 | 2-14-23 bt |
| 2221 |  |
| 2211 | New addition to the table |
| Older | 4-21-15dl; 4-17-17mg; 5-3-17EMOfxk; 5-30-17fxk; 9-17-18fxk(Wellness added) |