

## Information Technology - AAS (ITEC)

Catalog: 2014 - 2015

Effective Date: 9/01/2014

| CR COURSE                            |  | Semester |  |  |  |  |  |  |  |
|--------------------------------------|--|----------|--|--|--|--|--|--|--|
|                                      |  | TR       |  |  |  |  |  |  |  |
| 1-4                                  | HRD 100A, 100 or 110   |          |  |  |  |  |  |  |  |
| 3                                    | ENG 101 or ENG 100A&B  |          |  |  |  |  |  |  |  |
| 3                                    | SUNY GEN ED Basic Communication Course<br>(Choose from : ENG 102-110)  |          |  |  |  |  |  |  |  |
| 3-4                                  | Lab Science  |          |  |  |  |  |  |  |  |
| 2                                    | HEALTH AND WELLNESS–PED activity<br>credit, AVS 101, AVS 102, BIO 114, BIO 115,<br>HED 103, HED 104, HED 108, SCI 161<br>(Note: PED 105, 106, 206, 210, 211, and 212 do not fulfill this<br>requirement) |          |  |  |  |  |  |  |  |
| 6                                    | Social Science<br>Eco 201 & Eco 202 recommended for Business Mgmt Focus Area   |          |  |  |  |  |  |  |  |
| 1                                    | BUS 118  |          |  |  |  |  |  |  |  |
| 3                                    | Liberal Arts<br>(PHI 207 recommended for Business Mgmt Focus Area)   |          |  |  |  |  |  |  |  |
| 3                                    | SPH 111  |          |  |  |  |  |  |  |  |
| 3                                    | CIS 111  |          |  |  |  |  |  |  |  |
| 3                                    | CIS 122 (Prereq Required)  |          |  |  |  |  |  |  |  |
| 3                                    | CIS 131 (Prereq Required)  |          |  |  |  |  |  |  |  |
| 3                                    | CIS 150 (Prereq Required)  |          |  |  |  |  |  |  |  |
| 3                                    | CIS 126 (Prereq Required) (Spring Only)  |          |  |  |  |  |  |  |  |
| 3                                    | CIS 143 (Prereq Required)  |          |  |  |  |  |  |  |  |
| 3                                    | BUS 101  |          |  |  |  |  |  |  |  |
| <b>Choose one Focus Area:</b>        |  |          |  |  |  |  |  |  |  |
| <b>APPLICATIONS DEVELOPMENT (AD)</b> |  |          |  |  |  |  |  |  |  |
| 3                                    | CIS 144 (Prereq Required)  |          |  |  |  |  |  |  |  |
| 3                                    | CIS 151 (Prereq Required) (Fall Only)  |          |  |  |  |  |  |  |  |
| 3                                    | CIS 237 (Prereq Required)  |          |  |  |  |  |  |  |  |
| 3                                    | CIS 178 (Prereq Required)  |          |  |  |  |  |  |  |  |
| 3                                    | MAT 119 or MAT 129* (Prereq Required)  |          |  |  |  |  |  |  |  |
| <b>Choose one of the following:</b>  |  |          |  |  |  |  |  |  |  |
| 3                                    | <b>IT Elective:</b> CIS 222 (Prereq Required) (Spring Only), CIS<br>243** (Prereq Required), or CIS 250 (Spring Only)  |          |  |  |  |  |  |  |  |

|                                       |  |  |  |  |  |  |  |  |     |
|---------------------------------------|--|--|--|--|--|--|--|--|-----|
| <b>END USER SUPPORT (EUS)</b>         |  |  |  |  |  |  |  |  |     |
| 3                                     | CIS 120 (Prereq Required)  |  |  |  |  |  |  |  |     |
| 3                                     | CIS 123 (Prereq Required) Spring Only  |  |  |  |  |  |  |  |     |
| 3                                     | CIS 219 (Prereq Required & Coreq Required) (Spring Only)                                       |  |  |  |  |  |  |  |     |
| 3                                     | CIS 178  |  |  |  |  |  |  |  |     |
| 4                                     | MAT 127 (Prereq Required)  |  |  |  |  |  |  |  |     |
| <b>Choose one of the following:</b>   |  |  |  |  |  |  |  |  |     |
| 3-4                                   | <b>IT Elective:</b> CIS 144 (Prereq Required), CIS 232 (Spring Only), or CIS 250 (Spring Only) |  |  |  |  |  |  |  |     |
| <b>BUSINESS MANAGEMENT (BM)</b>       |  |  |  |  |  |  |  |  |     |
| 4                                     | BUS 146; or BUS 146A & BUS 146B  |  |  |  |  |  |  |  |     |
| 4                                     | BUS 147 (Prereq Required)  |  |  |  |  |  |  |  |     |
| 3                                     | BUS 201  |  |  |  |  |  |  |  |     |
| 3-4                                   | MAT 121 or MAT 127   |  |  |  |  |  |  |  |     |
| <b>6 Choose two of the following:</b> |  |  |  |  |  |  |  |  |     |
| BUS 102, BUS 103 or BUS 261           |  |  |  |  |  |  |  |  |     |
| 64                                    | <b>Minimum</b> credits required for Graduation   |  |  |  |  |  |  |  | 64+ |

**Note:** Please review next page for additional information.

## Notes on Information Technology - AAS (ITEC)

- ❖ **Financial Aid Recipients:** You **must** choose courses that are within your degree program. Visit the Advisement and Career Services Center in Warren Hall if you have any questions about course selection and degree program requirements. Please see Office of Financial Aid for any aid-related questions.

### Prerequisites for:

See <http://catalog.sunyacc.edu/coursedescriptions/catalog> for listing of prerequisites.

### Definition of Terms

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See <http://catalog.sunyacc.edu/academics/degrequirements>

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## RECOMMENDED SEQUENCES

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### FIRST YEAR

#### First Semester

- 1-4 HRD 100, 100A or 110
- 3 ENG 101 or 100 A & B
- 3 BUS 101 (BM, AD) Focus Area/IT –  
elective for (EUS) Focus Area
- 1 BUS 118
- 3 CIS 111
- 3 CIS 122
- 3-4 Mathematics as per Focus Area

#### Second Semester

- 3 ENG 102 – 110 (ENG 110 Recommended)
- 3 SPH 111
- 3 CIS 131 (BM, AD) Focus Area/BUS 101 (EUS) Focus Area
- 3 CIS 143
- 3-4 IT Elective as per Focus Area (BM, EUS)/Social Sci (AD)
- 1 Health and Wellness

### SECOND YEAR

#### Third Semester

- 3 CIS 150
- 3-4 Elective as per Focus AREA (AD, BM), CIS 131 (EUS)
- 3-4 Liberal Arts Elective (AD, EUS), elective as per  
Focus Area (BM)
- 3 Social Science Elective (BM, EUS)/CIS 151 (AD)
- 3-4 Lab Science
- 1 Health and Wellness

#### Fourth Semester

- 3 CIS 126
- 3-4 Elective as per Focus Area
- 3-4 Elective as per Focus Area
- 3-4 Elective as per Focus Area (AD, EUS), Lib Arts (BM)
- 3 Social Science Elective

### **Additional Information:**

\*MAT 129 is required for those students who wish to take CIS 243 as their elective.

\*\*If a student elects to take CIS 243, MAT 129 is required as the Mathematics choice per above.

**SUNY General Education Knowledge Areas:** (See <http://catalog.sunyacc.edu/academics/generaleducation>)

- Mathematics
- Natural Sciences
- Social Sciences
- American History
- Western Civilization
- Other World Civilization
- Humanities
- The Arts
- Foreign Languages
- Basic Communication