# Sequential Associate in Computer and Network Science Technology

Effective Date: 2018

### FIRST YEAR – FIRST SEMESTER

| CODE | COURSE | CRS. |
|------|--------|------|
| COTN 1120 | Software Design | 3 |
| GEEN 1101 GEEN 1201 GEEN 2311 | English I (One of them according to the results of the College Board) | 3 |
| GEIC 1010 | Information and Computer Technologies | 3 |
| GEMA 1200 | Fundamentals of Algebra | 3 |
| GESP 1101 | Literature and Communication: Narrative and Poetry | 3 |
| **TOTAL** | | 15 |

### FIRST YEAR – SECOND SEMESTER

| CODE | COURSE | CRS. |
|------|--------|------|
| COTN 1131 | Electronics I (GEMA 1200 requirement) | 3 |
| COTN 1210 | Computer Mathematics | 3 |
| COTN 1220 | Data Communication | 3 |
| COTN 1230 | Microcomputer Operating Systems | 3 |
| GEEN1102 GEEN 1202 GEEN 2312 | English II (One of them according to the results of the College Board) | 3 |
| GESP 1102 | Literature and Communication: Essay and Theatre | 3 |
| **TOTAL** | | 18 |

## SECOND YEAR – FIRST SEMESTER

| CODE | COURSE | CRS. |
|---|---|---|
| BADM 1900 | Fundamentals of Business Management | 3 |
| COTN 2121 | Network Administration I (COTN 1220 requirement) | 3 |
| COTN 2132 | Electronics II (requirement COTN 1131) | 3 |
| COTN 2210 | Diagnosis and Maintenance of Computerized Systems (COTN 1131 and 1230 requirement) | 3 |
| GECF 1010 | Christian Faith | 3 |
| GEHS 2010 GEEC 2000 | Historical Process of Contemporary Puerto Rico Entrepreneurial Culture (Select one of the two courses) | 3 |
| **TOTAL** | | 18 |

## SECOND YEAR – SECOND SEMESTER

| CODE | COURSE | CRS. |
|---|---|---|
| COTN 2122 | Network Management II (requirement COTN 2121) | 3 |
| COTN 2150 | Implementation of Network Applications (requirement COTN 2121) | 3 |
| COTN 2160 | Network Installation and Configuration of Routers and Switches (COTN 2121 requirement) | 3 |
| COTN 2230 | Network Diagnostics, Maintenance and Service (requirement COTN 2121) | 3 |
| COTN 2910 | Internship (requirement 30 credits of concentration) | 2 |
| **TOTAL** | | 14 |

## REQUIREMENTS FOR THE BACHELOR

| DEGREE REQUIREMENTS | CREDITS |
|---|---|
| General education requirements | 24 |
| Concentration requirements | 41 |
| **TOTAL** | 65 |

NOTES:

The student must pass with the minimum grade of C the concentration courses