

| MODEL ROUTE            |                                                                                                                                                                                                                         |                                               |                                                                                                                                                                                                                                                                                                    |               |                       |                                                              |                                          |            |             |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------------|--------------------------------------------------------------|------------------------------------------|------------|-------------|
| School:                | School of Engineering Technology and Applied Science                                                                                                                                                                    | Program Number:                               | 3404                                                                                                                                                                                                                                                                                               |               |                       |                                                              |                                          |            |             |
| Program Title:         | Computer Systems Technician - Networking                                                                                                                                                                                | Credential:                                   | <div><input type="checkbox"/> Certificate    <input type="checkbox"/> Graduate Certificate    <input type="checkbox"/> Degree</div> <div><input checked="" type="checkbox"/> Diploma    <input type="checkbox"/> Advanced Diploma    <input type="checkbox"/> Centennial College Certificate</div> |               |                       |                                                              |                                          |            |             |
| Program Delivery Mode: | <div><input type="checkbox"/> Co-Op    <input type="checkbox"/> Online</div> <div><input type="checkbox"/> Fast Track    <input type="checkbox"/> Hybrid</div> <div><input checked="" type="checkbox"/> Non Co-op</div> | Duration :                                    | <div><input type="checkbox"/> 1 Semesters    <input checked="" type="checkbox"/> 4 Semesters</div> <div><input type="checkbox"/> 2 Semesters    <input type="checkbox"/> 6 Semesters</div> <div><input type="checkbox"/> 3 Semesters    <input type="checkbox"/> 8 Semesters</div>                 |               |                       |                                                              |                                          |            |             |
| Campus:                | PROGRESS                                                                                                                                                                                                                | Department Code:                              | 3513                                                                                                                                                                                                                                                                                               |               |                       |                                                              |                                          |            |             |
| Intake:                | Fall 2023 and Winter 2024                                                                                                                                                                                               |                                               |                                                                                                                                                                                                                                                                                                    |               |                       |                                                              |                                          |            |             |
| Course Code            | Course Title                                                                                                                                                                                                            | Co/Pre Requisite (Course Code)                | Lab Hours                                                                                                                                                                                                                                                                                          | Lecture Hours | Field Placement Hours | Course Delivery<br>ODL=Online<br>BLD=Blended<br>HYB = Hybrid | Total Course Hrs (Lab + Lecture + Field) | Weeks (14) | Total Hours |
| Semester 1             | Fall 2023 or Winter 2024                                                                                                                                                                                                |                                               |                                                                                                                                                                                                                                                                                                    |               |                       |                                                              |                                          |            |             |
| CNET101                | PC Hardware                                                                                                                                                                                                             |                                               | 3                                                                                                                                                                                                                                                                                                  | 3             |                       |                                                              | 6                                        | 14         | 84          |
| CNET102                | PC Operating Systems                                                                                                                                                                                                    |                                               | 3                                                                                                                                                                                                                                                                                                  |               |                       |                                                              | 3                                        | 14         | 42          |
| CNET124                | Fundamentals of Computer Networks                                                                                                                                                                                       |                                               | 2                                                                                                                                                                                                                                                                                                  | 2             |                       | HYB                                                          | 4                                        | 14         | 56          |
| COMM160/161            | College Communications 1                                                                                                                                                                                                |                                               |                                                                                                                                                                                                                                                                                                    | 3             |                       | ODL                                                          | 3                                        | 14         | 42          |
| GNEDE                  | General Education Elective                                                                                                                                                                                              |                                               |                                                                                                                                                                                                                                                                                                    | 3             |                       | ODL                                                          | 3                                        | 14         | 42          |
| MATH149                | Mathematics for Computer Systems 1                                                                                                                                                                                      |                                               |                                                                                                                                                                                                                                                                                                    | 3             |                       | ODL                                                          | 3                                        | 14         | 42          |
|                        |                                                                                                                                                                                                                         |                                               |                                                                                                                                                                                                                                                                                                    |               |                       |                                                              |                                          | Total      | 308         |
| Semester 2             | Winter 2024 or Summer 2024                                                                                                                                                                                              |                                               |                                                                                                                                                                                                                                                                                                    |               |                       |                                                              |                                          |            |             |
| AMEG212                | Applied Ethics in Technology & The Environment                                                                                                                                                                          |                                               |                                                                                                                                                                                                                                                                                                    | 2             |                       | ODL                                                          | 2                                        | 14         | 28          |
| CNET201                | Fundamentals of Routing and Switching                                                                                                                                                                                   | P=CNET124                                     | 4                                                                                                                                                                                                                                                                                                  |               |                       |                                                              | 4                                        | 14         | 56          |
| CNET205                | Customer Skills                                                                                                                                                                                                         | P=COMM160 or COMM161 or COMM170 or COMM171    |                                                                                                                                                                                                                                                                                                    | 2             |                       | ODL                                                          | 2                                        | 14         | 28          |
| CNET206                | Introduction to UNIX/Linux                                                                                                                                                                                              | P=CNET102                                     | 2                                                                                                                                                                                                                                                                                                  |               |                       | HYB                                                          | 2                                        | 14         | 28          |
| CNET229                | Introduction to Business and ICT                                                                                                                                                                                        | P=COMM160 or COMM161 or COMM170 or COMM171    |                                                                                                                                                                                                                                                                                                    | 2             |                       | ODL                                                          | 2                                        | 14         | 28          |
| CNET232                | Introduction to Programming                                                                                                                                                                                             | P= CNET102 and MATH149                        | 2                                                                                                                                                                                                                                                                                                  | 2             |                       | HYB                                                          | 4                                        | 14         | 56          |
| COMM170/171            | College Communications 2                                                                                                                                                                                                | P=COMM160 or COMM161                          |                                                                                                                                                                                                                                                                                                    | 3             |                       | ODL                                                          | 3                                        | 14         | 42          |
| MATH169                | Mathematics for Computer Systems 2                                                                                                                                                                                      | P=MATH149                                     |                                                                                                                                                                                                                                                                                                    | 3             |                       | ODL                                                          | 3                                        | 14         | 42          |
|                        |                                                                                                                                                                                                                         |                                               |                                                                                                                                                                                                                                                                                                    |               |                       |                                                              |                                          | Total      | 308         |
| Break                  | Summer 2024                                                                                                                                                                                                             |                                               |                                                                                                                                                                                                                                                                                                    |               |                       |                                                              |                                          |            |             |
|                        |                                                                                                                                                                                                                         |                                               |                                                                                                                                                                                                                                                                                                    |               |                       |                                                              |                                          |            |             |
| Semester 3             | Fall 2024                                                                                                                                                                                                               |                                               |                                                                                                                                                                                                                                                                                                    |               |                       |                                                              |                                          |            |             |
| CNET202                | Windows Server Operating System                                                                                                                                                                                         | P=CNET101 and CNET102                         | 4                                                                                                                                                                                                                                                                                                  |               |                       |                                                              | 4                                        | 14         | 56          |
| CNET225                | Introduction to Telephony                                                                                                                                                                                               | P=CNET124                                     | 4                                                                                                                                                                                                                                                                                                  |               |                       |                                                              | 4                                        | 14         | 56          |
| CNET307                | IT Project Management                                                                                                                                                                                                   | P=COMM170 or COMM171, and, CNET229 or COMP246 | 1                                                                                                                                                                                                                                                                                                  | 2             |                       | ODL                                                          | 3                                        | 14         | 42          |
| CNET334                | System Scripting                                                                                                                                                                                                        | P=CNET232                                     |                                                                                                                                                                                                                                                                                                    | 3             |                       | ODL                                                          | 3                                        | 14         | 42          |
| ENGL250                | Report Writing in a Technical Environment                                                                                                                                                                               | P=COMM170 or COMM171                          |                                                                                                                                                                                                                                                                                                    | 2             |                       | ODL                                                          | 2                                        | 14         | 28          |
| GNEDE500               | Global Citizenship: from Social Analysis to Social Action                                                                                                                                                               |                                               |                                                                                                                                                                                                                                                                                                    | 3             |                       | ODL                                                          | 3                                        | 14         | 42          |

**C = Co-Requisite; P = Pre-Requisite**

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**Notes:**

◆ This course may be offered in one of the following modalities (Online, Hybrid or Blended)