****

**Computer & Information Technologies – Informatics Track – Business**

**(110101719) Credential (AAS)**

**Program Coordinator: Don Halcomb E-mail: don.halcomb@kctcs.edu Phone: 859-246-6289**

**Mike Hardin E-mail: mike.hardin@kctcs.edu Phone: 859-246-6619**

**Program Website:** [**https://bluegrass.kctcs.edu/education-training/program-finder/computer-information-technology.aspx**](https://bluegrass.kctcs.edu/education-training/program-finder/computer-information-technology.aspx)

**Student Name: Student ID:**

***Students need to be at KCTCS placement levels for all courses***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Pre-Admission Requirements (if applicable)** | | | | |
| **First Semester** | **Credits** | **Term** | **Grade** | **Prereqs/Notes** |
| CIT 105 – Introduction to Computers | 3 |  |  |  |
| **Total Semester Credit Hours** | **3** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **First Semester** | **Credits** | **Term** | **Grade** | **Prereqs/Notes** |
| CIT 111 – Computer Hardware and Software | 4 |  |  |  |
| CIT 120 – Computational Thinking | 3 |  |  |  |
| CIT 170 – Database Design Fundamentals | 3 |  |  |  |
| ENG 101 – Writing I | 3 |  |  |  |
| MAT 150 – College Algebra | 3 |  |  | Fulfills Quantitative Reasoning requirement |
| **Total Semester Credit Hours** | **16** |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Second Semester** | **Credits** | **Term** | **Grade** | **Prereqs/Notes** |
| CIT 160 – Introduction to Networking Concepts | 4 |  |  | OR CIT 161 – Introduction to Networks (4) |
| CIT 149-Java I OR INF 120-Elementary Programming | 3 |  |  | Fulfills Level I programming language Req. |
| IFM 111 – Client-Side Informatics Software | 3 |  |  |  |
| CIT 150 – Internet Technologies | 3 |  |  | OR CIT 155 – Web Page Development OR  CIT 157 – Web Site Design and Production |
| **Total Semester Credit Hours** | **13 - 14** |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Third Semester** | **Credits** | **Term** | **Grade** | **Prereqs/Notes** |
| CIT 249-Java II OR INF 260-Obj-Oriented Progr. I | 3 |  |  |  |
| Heritage OR Humanities course | 3 |  |  |  |
| INF 128 or IFM 128 – Principles of Informatics | 3 |  |  |  |
| Oral Communications | 3 |  |  |  |
| CIT 180 – Security Fundamentals | 3 |  |  |  |
| **Total Semester Credit Hours** | **15 - 16** |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Fourth Semester** | **Credits** | **Term** | **Grade** | **Prereqs/Notes** |
| INF Track – Bus Option Course #3 | 3 |  |  | See list below |
| Natural Science | 3 |  |  |  |
| Social/Behavioral | 3 |  |  |  |
| CIT 293 – CIT Employability Skills | 1 |  |  |  |
| ENG 102 – Writing II | 3 |  |  |  |
| **Total Semester Credit Hours** | **13** |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Total Credential Hours** | **60-62** |  |  |  |

***Note: 25% of Total Program Credit Hours must be earned at Bluegrass Community and Technical College.***

**Advisor Name: Advisor Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Student Name: Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

|  |  |
| --- | --- |
| **Approved Electives (if applicable)** | |
| INF Track – Bus Option Course #3: (Select one course from the list below) | |
| IFM 211 | Collaborative Software (3) |
| IFM 225 | Advanced Informatics (3) |
| ACC 201 | Financial Accounting (3) |
| ACC 202 | Managerial Accounting (3) |
| ECO 201 | Principles of Microeconomics (3) |
| ECO 202 | Principles of Macroeconomics (3) |
|  |  |