**ASSESSMENT CYCLE PLAN – 5 Year**   
**STEP 1:** Complete the program and contact information

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| --- |
| Program: Information Technology – Computer Programming Track |
| Program level: AAS Degree |
| Outcome type - Technical/Gen ed/Transfer/other: Curriculum |
| Date of last edit to plan and by whom (initials): 12/6/18 KL |

|  |  |
| --- | --- |
| Contact Person (email and phone): | **James Carrier (**[**jacarrier@gtcc.edu**](mailto:jacarrier@gtcc.edu) **Ext 50078)**  **Rebecca Halsey (**[**rwhalsey@gtcc.edu**](mailto:rwhalsey@gtcc.edu) **Ext 50239)** |

**STEP 2:** List the exit OUTCOMES for the area identified above:

|  |  |
| --- | --- |
| #1 | Analyze a problem using the Software Development Life Cycle |
| #2 | Provide a coding solution for a program to meet end-user specifications |
| #3 | Develop a program that integrates with a relational database |
| #4 | Develop a program that incorporates Object-Oriented programming methodologies |
| #5 | Identify inefficiencies in programming practices |
| #6 | Select an appropriate programming language to most effectively meet project requirements |
| #7 | Examine emerging technologies within the programming industry |

**STEP 3:** Prepare the timeline for the outcomes listed above:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Outcome  Assessed | Assessment Year and type | Classes/Cohorts Assessed and semester | Proficiency target level | Measurement Tool(s) | Person(s) Responsible |
| **1** | **2019-20**  **Measure**  **2020-21**  **Act** | **CIS-115FA** | Earned grade of 70% or higher | Final Project Part 1 | James Carrier |
| **2** | **2019-20**  **Measure**  **2020-21**  **Act** | **CIS-115FA** | Earned grade of 70% or higher | Final Project Part 1 | James Carrier |
| **3** | **2020-21**  **Measure**  **2021-22**  **Act** | **CSC-251FA** | Earned grade of 70% or higher | Final Project Phase 2 | Rebecca Halsey |
| **4** | **2020-21**  **Measure**  **2021-22**  **Act** | **CSC-151SP** | Earned grade of 70% or higher | Final Project Phase 2 | Rebecca Halsey |
| **5** | **2020-21**  **Measure**  **2021-22**  **Act** | **CSC-249FA** | Earned grade of 70% or higher | Final Project Part 1 | James Carrier |
| **6** | **2021-22**  **Measure**  **2022-23**  **Act** | **CSC-289SP** | Earned grade of 70% or higher | Assignment—Unit Five | Michael Collins |
| **7** | **2021-22**  **Measure**  **2022-23**  **Act** | **CSC-118SP** | Earned grade of 70% or higher | Midterm iOS Application | Rebecca Halsey |