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| **Program/Discipline Learning Outcomes** | | | | |
| **Academic Year: 2018** | | | | |
| **Program/Discipline: (indicate program/discipline here) A.AS. Electronic Technology/Microcomputer** | | | | |
| **PROGRAM/DISCIPLINE CONTACT** | | | | |
| **FACULTY: Edward Burkhead** | | | **OFFICE: JW 117** | |
| **EMAIL: BurkheaEdwardL@jccmi.edu** | | | **PHONE:** | |
| **Learning Outcome:**  **(Successful students will be able to)** | | **Course(s) in which the assessment will be performed** | **Semesters the outcome will be assessed** | **Assessment tools used for learning outcome** |
| 1 | Analyze, troubleshoot and service computer systems | CIS 105, CIS 106, CIS 174, CIS 175, CIS 176 | W2018 | Examinations and Projects |
| 2 | Describe, analyze, and troubleshoot electrical circuits | ELT 120, ELT 126 | F2017, W2018 | Examinations and Labs |
| 3 | Describe electrical components and their effects on circuit behavior | ELT 126, ELT 130, ELT 140 | F2017, W2018 | Examinations and Labs |
| 4 | Design programmable circuits to achieve a desired outcome | ELT 140 | F2017, W2018 | Projects |
| 5 | Describe the fundamentals of computer networking | CNS 101 | W2018 | Examinations and Projects |