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| **Date: October 1, 2018** | **Class: WMAD Jr.** | | **Time: 9:30 – 10:20** |
| **Course: PROG1017 – Intro to Programming** | | **Topic: Handling Exceptions** | |
| **Competencies:**   * Write programs according to specifications using fundamental programming * Test and debug applications | | | |
| **Learning Objectives (Students will be able to…):**   * Use C# try/catch blocks to prevent their programs from crashing * Provide users with a friendly message when an error occurs in the program | | | |
| **Instructional Aids, Materials or Tools Needed for Various Learning Styles**   * Handing Errors PowerPoint (posted on Brightspace for students) * Sample Miles per Gallon calculator application (posted on Brightspace for students) * Assigned Exercises from class on September 28, 2018 | | | |
| **Lesson Outline and Activities:**   * Brief review of using variables and performing calculations using the MPG app as a demo (5 min) * Demonstrate how not entering data in the miles or gallons textboxes will cause an error to occur. (5 min) * Go over Handling Errors PowerPoint (5 min) * Activity: Add try/catch block to the MPG application – we will code this together (15 min) * Activity/Homework: Have students include try/catch blocks into all of the exercises assigned on September 28, 2018. I will walk around room checking in on their progress (20 min)   **Student Assessment / Assignment:**   * Finish adding try/catch blocks into all of the exercises assigned on September 28, 2018. * I will assess their work during the next class | | | |
| **Notes / Changes:** | | | |