

# Programming-Technical Drawing

Revised February 15, 2015

## February

37. Compare computer operating systems.

- Raspberry Pi and Linux
- Creating a Weather App for Android Devices

## March

46. Debug the program. Mathematics COM.2, COM.18, COM.19, COM.20

47. Document the program. Mathematics COM.2, COM.20

49. Identify syntax errors of a given programming language. Mathematics COM.2, COM.18, COM.19, COM.20

50. Create a graphical user interface that adheres to industry standards. Mathematics COM.6

61. Code a program to display graphics. Mathematics COM.7, COM.8

62. Code a program that uses multimedia. Mathematics COM.6, COM.7, COM.8

63. Code a program to animate objects. Mathematics COM.6, COM.8, COM.15, COM.16

## April

68. Identify game genres.

69. Examine a variety of game programming platforms

74 Develop a game program that uses a scoring method. Mathematics COM.3, COM.15

75 Create a game program with multiple levels. Mathematics COM.13, COM.19

78 Develop a Web page using HTML and/or JavaScript. Mathematics COM.19

79 Publish a program link on a Web page. Mathematics COM.8, COM.19

## May

76 Explain how to locate resources and references to aid program development. English 10.5, 11.5, 12.5

. 81 Describe the process and requirements for obtaining industry certification related to the information technology industry. Mathematics COM.10

84 Create or update a résumé. English 10.6, 10.7, 11.6, 11.7, 12.6, 12.7

88 Deliver an oral presentation of the professional portfolio. English 10.1, 11.1, 12.1

89 Identify potential education and employment barriers for nontraditional groups and ways to overcome those barriers. History and Social Science VUS.15

Remediation

February through May

We will continue to work on our weather measurement software.

There will generally be a test/quiz on Fridays.

There will generally be a graded project every 2 weeks.