

ANSWER KEY

LEGEND:

SG - Student Guide

MC - *Media Cruiser*

VOCABULARY TEST (WORTH 10 PTS.)

1. **CAD/CAM software:** software that allows you to both design something and program a machine to physically create it **SG 6**
2. **Mastercam:** CAD/CAM software **SG 6**
3. **linear motion:** motion in a straight line **SG 6**
4. **symmetrical:** for an object to be symmetrical, it must be identical on both its left and right side **MC, Act. 1, Video 2**
5. **spline:** a continuous curve that passes through all of the points you draw **MC, Act. 1, Video 3**
6. **menu area:** in *Mastercam*, the part of the screen to the left of the drawing area where you select commands and change settings **MC, Act. 2, Video 4**
7. **toolbar:** located at the top of the screen in *Mastercam*; contains icons or buttons that allow you to change settings and select commands **MC, Act. 2, Video 4**
8. **levels:** in a *Mastercam* drawing, these are like pages in a book, they are numbered and next to each number is a description of what is stored or what will be stored there **MC, Act. 2, Video 5**
9. **toolpath:** the path that the CNC mill tool will follow as it cuts **SG 51**
10. **filtering:** consolidating short straight line movements of the cutting tool into one long straight line move **SG 52**

PRE-TEST (WORTH 10 PTS.)

1. D **SG 6**
2. B **SG 6**
3. C **SG 26**
4. C **MC, Activity 2, Video 4**
5. B **MC, Activity 5, Video 8**
6. C **MC, Activity 8, Cutting the Right Side of Your Car**
7. A **MC, Activity 8, Drilling the Axle Holes**
8. B **SG 51**
9. C **SG 18**
10. D **SG 37**

QUIZ 1 (WORTH 3 PTS.)

1. C **SG 6, obj. 1-1**
2. B **SG 6, obj. 1-5**
3. D **SG 6, obj. 1-5**

QUIZ 2 (WORTH 6 PTS.)

1. C **MC, Activity 2, obj. 2-1**
2. B **MC, Activity 2, obj. 2-1**
3. D **MC, Activity 2, obj. 2-1**
4. C **MC, Activity 2, obj. 2-1**
5. C **MC, Activity 2, obj. 2-1**
6. C **MC, Activity 2, obj. 2-1**

Use the Pre-test answer key for answers to the hard-copy Pre-test and the computer-based Pre- and Post-test.

Use the Post-test answer key for answers to the hard-copy Post-test.