

## NO RTEC JOB SPECIFIC SKILLS COMPETENCY

### JEWELER

DOT: 700.281-010

#### CORE SKILL COMPETENCIES/INDICATORS:

1. Can demonstrate ability to work with precision as regards the attainment of set limits, tolerances, or standards. (R, S, T)
2. Can demonstrate proper polishing procedures. (R, T)
3. Can demonstrate ability to assemble articles utilizing proper soldering techniques. (R, T)
4. Can demonstrate proper soldering in jewelry repair by replacing or rebuilding worn or broken parts. (R, T)
5. Can shape metal and other materials by cutting, filing, hammering, turning, spinning, bending, casting, folding and linking using specialized hand and power tools. (R, T)
6. Can demonstrate proper techniques for preparing dies or presses for metal to be shaped by stamping. (R, T)
7. Can demonstrate ability to put proper finish on articles using files, emery paper, buffing machines or other appropriate tools and equipment. (R, T)
8. Can demonstrate proper techniques for securing gemstones in settings. (R, T)
9. Can demonstrate ability to engrave designs on ring settings, brooches, bracelets and other articles. (R, T)
10. Can demonstrate proper techniques involved in forming metal or wax models/molds. (R, T)
11. Can demonstrate ability to create design drawings and specifications for wearable or three dimensional objects. (R, IN, T)
12. Can demonstrate proper use of chemicals used in polishing, flux for soldering and tripoli as well as rouge for finishing. (R, T)
13. Can demonstrate and apply an understanding of industry pricing principles for jewelry. (R, IN, S)
14. Can demonstrate proper techniques used in the cutting of gemstones. (R, T)
15. Can demonstrate proper rendering techniques. (R, T)
16. Can demonstrate the proper use of a polishing wheel. (R, T)
17. Can demonstrate ability to assemble articles by screwing, riveting or otherwise join together. (R, T)
18. Can demonstrate ability to serve customers and maintain courteous relationships with customers in person and by telephone. (I, S)
19. Can demonstrate ability to accept cash or credit card payments from customers and record transaction. (R, I)
20. Can demonstrate ability to requisition and maintain merchandise or supplies. (R)
21. Can demonstrate ability to work under stress to meet schedule deadlines. (R, I)