

CABINETMAKING

DIRECTIONS: Evaluate the student using the applicable rating scales below and check the appropriate box to indicate the degree of competency. The ratings 3, 2, 1, and N are not intended to represent the traditional school grading system of A, B, C, and D. The description associated with each of the ratings focuses on the level of student performance or cognition for each of the competencies listed below.

PERFORMANCE RATING

- 3 - Skilled--can perform task independently with no supervision
 2 - Moderately skilled--can perform task completely with limited supervision
 1 - Limitedly skilled--requires instruction and close supervision
 N - No exposure--has no experience or knowledge of this task

COGNITIVE RATING

- 3 - Knowledgeable--can apply the concept to solve problems
 2 - Moderately knowledgeable--understands the concept
 1 - Limited knowledge--requires additional instruction
 N - No exposure--has not received instruction in this area

A. Applying Wood Veneers and Plastic Laminates

- | | | | | |
|-----|-----|-----|-----|--|
| 3 | 2 | 1 | N | |
| ___ | ___ | ___ | ___ | 1. Apply adhesives. |
| ___ | ___ | ___ | ___ | 2. Apply edge banding. |
| ___ | ___ | ___ | ___ | 3. Apply laminate to core. |
| ___ | ___ | ___ | ___ | 4. Apply wood edges. |
| ___ | ___ | ___ | ___ | 5. Cut plastic to size. |
| ___ | ___ | ___ | ___ | 6. Fit plastic laminate joints (plane joints). |
| ___ | ___ | ___ | ___ | 7. Trim edges. |

B. Assembling, Fastening, and Installing Components

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|-----|-----|-----|-----|--|
| 3 | 2 | 1 | N | |
| ___ | ___ | ___ | ___ | 1. Apply clamping devices (assemble clamping devices). |
| ___ | ___ | ___ | ___ | 2. Assemble drawers. |
| ___ | ___ | ___ | ___ | 3. Assemble ends, back, bracing, and face frame. |
| ___ | ___ | ___ | ___ | 4. Assemble face frame. |
| ___ | ___ | ___ | ___ | 5. Assemble joint. |
| ___ | ___ | ___ | ___ | 6. Assemble panel door (assemble panels). |
| ___ | ___ | ___ | ___ | 7. Attach molding/trim. |
| ___ | ___ | ___ | ___ | 8. Fasten parts with nails. |
| ___ | ___ | ___ | ___ | 9. Fasten parts with screws. |
| ___ | ___ | ___ | ___ | 10. Fasten parts with staples. |
| ___ | ___ | ___ | ___ | 11. Fasten top to casework. |
| ___ | ___ | ___ | ___ | 12. Glue boards edge to edge. |
| ___ | ___ | ___ | ___ | 13. Install catches. |
| ___ | ___ | ___ | ___ | 14. Install doors. |
| ___ | ___ | ___ | ___ | 15. Install drawer rail and guides. |
| ___ | ___ | ___ | ___ | 16. Install hinges. |
| ___ | ___ | ___ | ___ | 17. Install pulls and knobs. |

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|-----|-----|-----|-----|--|
| ___ | ___ | ___ | ___ | 18. Install shelves. |
| ___ | ___ | ___ | ___ | 19. Install track and slide for sliding doors. |
| ___ | ___ | ___ | ___ | 20. Reinforce joints with block/dowel. |

C. Cutting and Shaping Components

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|-----|-----|-----|-----|---|
| 3 | 2 | 1 | N | |
| ___ | ___ | ___ | ___ | 1. Cut butt joint. |
| ___ | ___ | ___ | ___ | 2. Cut counter top. |
| ___ | ___ | ___ | ___ | 3. Cut dado/rabbet joint. |
| ___ | ___ | ___ | ___ | 4. Cut doors. |
| ___ | ___ | ___ | ___ | 5. Cut doveled joint. |
| ___ | ___ | ___ | ___ | 6. Cut drawer guides and runners (rails). |
| ___ | ___ | ___ | ___ | 7. Cut drawer front, sides, back, and bottom. |
| ___ | ___ | ___ | ___ | 8. Cut ends, back, and interior bracing. |
| ___ | ___ | ___ | ___ | 9. Cut face frame. |
| ___ | ___ | ___ | ___ | 10. Cut miter joints. |
| ___ | ___ | ___ | ___ | 11. Cut molding/trim. |
| ___ | ___ | ___ | ___ | 12. Cut mortise and tenon joints. |
| ___ | ___ | ___ | ___ | 13. Cut out for sink. |
| ___ | ___ | ___ | ___ | 14. Cut frames and panels. |
| ___ | ___ | ___ | ___ | 15. Cut shelving. |
| ___ | ___ | ___ | ___ | 16. Cut spline joints. |
| ___ | ___ | ___ | ___ | 17. Cut tongue and groove joints. |
| ___ | ___ | ___ | ___ | 18. Edge (shape) counter top. |
| ___ | ___ | ___ | ___ | 19. Plane stock. |
| ___ | ___ | ___ | ___ | 20. Square solid stock. |

D. Designing and Laying Out

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|-----|-----|-----|-----|--|
| 3 | 2 | 1 | N | |
| ___ | ___ | ___ | ___ | 1. Determine materials from a blueprint. |
| ___ | ___ | ___ | ___ | 2. Draw detailed plans. |
| ___ | ___ | ___ | ___ | 3. Estimate labor and material cost. |

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|-----|-----|-----|-----|-----------------------|
| ___ | ___ | ___ | ___ | 4. Sketch shop plans. |
|-----|-----|-----|-----|-----------------------|

E. Finishing Surfaces

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|-----|-----|-----|-----|--|
| 3 | 2 | 1 | N | |
| ___ | ___ | ___ | ___ | 1. Apply lacquers. |
| ___ | ___ | ___ | ___ | 2. Apply paints. |
| ___ | ___ | ___ | ___ | 3. Apply stains. |
| ___ | ___ | ___ | ___ | 4. Apply varnishes/polyurethane. |
| ___ | ___ | ___ | ___ | 5. Apply wood filler to nail or screw holes. |
| ___ | ___ | ___ | ___ | 6. Clean surfaces. |
| ___ | ___ | ___ | ___ | 7. Remove excess glue. |
| ___ | ___ | ___ | ___ | 8. Sand surfaces. |
| ___ | ___ | ___ | ___ | 9. Swell dents. |

F. Performing Administrative Functions

- | | | | | |
|-----|-----|-----|-----|---|
| 3 | 2 | 1 | N | |
| ___ | ___ | ___ | ___ | 1. Assemble data for bookkeeping service. |
| ___ | ___ | ___ | ___ | 2. Charge sales to customers' accounts. |
| ___ | ___ | ___ | ___ | 3. Conduct cash sales. |
| ___ | ___ | ___ | ___ | 4. Demonstrate cabinet types. |
| ___ | ___ | ___ | ___ | 5. Discharge employee. |
| ___ | ___ | ___ | ___ | 6. Interview applicants for employment. |
| ___ | ___ | ___ | ___ | 7. Order stock. |
| ___ | ___ | ___ | ___ | 8. Orient new employees. |
| ___ | ___ | ___ | ___ | 9. Pay accounts payable. |
| ___ | ___ | ___ | ___ | 10. Prepare bank deposits. |
| ___ | ___ | ___ | ___ | 11. Prepare customer billing. |
| ___ | ___ | ___ | ___ | 12. Prepare employee payroll. |
| ___ | ___ | ___ | ___ | 13. Reconcile bank statement. |
| ___ | ___ | ___ | ___ | 14. Schedule work assignments. |
| ___ | ___ | ___ | ___ | 15. Set up work stations. |

— — — — 16. Take inventory.

G. Transporting and Installing Cabinets

3 2 1 N

- — — — 1. Fasten cabinet to wall.
- — — — 2. Trim cabinets (fit and trim base cabinets).
- — — — 3. Prepare cabinets for hauling.