# ILM Publishing Report 2022: Cabinetmaker

## Quality Assurance (QA) Maintenance Summary

The ILM office held a total of 23 QA Meetings in the 2021/22 academic year, which included over 90 attendees from 8 different institutions across Alberta. With support and feedback from these individuals, we were able to address and resolve over 700 maintenance comments across all ILM trades! We want to acknowledge each of the Programs and instructors that dedicated their time and effort to supporting this important maintenance work and express our gratitude for your support in our continuous improvement of ILM content for students and learners.

For Cabinetmaker there were 36 modules updated due to QA meeting maintenance, and a total of 93 maintenance comments were addressed. As part of this year’s ILM maintenance process, there were also a number of images and graphics within the ILMs reverted to a previous version. After significant consultation/feedback with Programs and stakeholders, the quality and accuracy of images and graphics from previous ILM versions was identified as being important for student learning and success. The *Maintenance Updates* column in the Module List section below indicates modules where this has occurred.

For more information on the ILM Comments and Maintenance process, please visit our website:

* ILM Maintenance: <https://ilm.nait.ca/ilm-maintenance>
* Comments: <https://ilm.nait.ca/comments>

## Brand Refresh

The 2022 ILM publication includes a brand refresh for all (English) ILM files. This brand refresh only impacts the style/format of ILM products. It does not impact the content within the ILMs. Changes for each ILM product type include updates to the front and back covers of ILM files, ILM Graphics PowerPoint template, and both student and instructor Digital ILM templates.

## Module List

\*Maintenance updates include image/graphic updates, addressing of website comments, and changes identified at annual Quality Assurance meetings.

### First Period

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Module Number** | **Module Name** | **New Version[[1]](#footnote-2)** | **Maintenance Updates\*** | **Rebrand Updates**  |
| 360101a | Introduction to Trades Training | 24.0 | ü | ü |
| 360101b | The Cabinetmaking Trade | 24.0 |  | ü |
| 360101cA | Trade Safety - Part A | 24.0 | ü | ü |
| 360101cB | Trade Safety - Part B | 24.0 |  | ü |
| 360101d | Occupational Health and Safety and Workplace Hazardous Materials Information System (WHMIS) | 24.0 |  | ü |
| 360101e | Safety Committees, Safety Inspections, and Industrial Health Hazards | 24.0 |  | ü |
| 360102a | The Nature and Properties of Wood | 24.0 |  | ü |
| 360102bA | Primary Processing of Hard and Soft Wood - Part A | 24.0 |  | ü |
| 360102bB | Primary Processing of Hard and Soft Wood - Part B | 24.0 | ü | ü |
| 360102c | Manufactured Sheet and Panel Products | 24.0 | ü | ü |
| 360102d | Adhesives | 24.0 | ü | ü |
| 360102e | Fasteners | 24.0 | ü | ü |
| 360102f | Abrasives | 24.0 | ü | ü |
| 360102g | Principles of Wood Joinery | 24.0 | ü | ü |
| 360103a | Measuring and Layout Tools | 24.0 | ü | ü |
| 360103b | Hand Planes | 24.0 | ü | ü |
| 360103c | Scrapers Chisels Gouges and Knives | 24.0 | ü | ü |
| 360103d | Assembly Dismantling and Clamping Tools | 24.0 | ü | ü |
| 360103e | Hand Drills and Saws | 24.0 | ü | ü |
| 360103fA | Portable Power Tools - Part A | 24.0 | ü | ü |
| 360103fB | Portable Power Tools - Part B | 24.0 | ü | ü |
| 360103g | Pneumatic Tools and Fasteners | 24.0 | ü | ü |
| 360103h | Table, Panel, and Computer Numerical Control (CNC) Saws | 24.0 |  | ü |
| 360103i | Tooling for Portable and Stationary Equipment | 24.0 | ü | ü |
| 360103j | Band Saws and Drill Presses | 24.0 |  | ü |
| 360103k | Jointers and Thickness Planers | 24.0 | ü | ü |
| 360103l | Explosive-Actuated Tools | 24.0 | ü | ü |
| 360104a | Drafting Basics | 24.0 | ü | ü |
| 360104b | Orthographic Drawings | 24.0 | ü | ü |
| 360104c | Basic Drawing Standards | 24.0 | ü | ü |
| 360104d | Interpreting Shop Drawings and Cutting Lists | 24.0 | ü | ü |
| 360104e | Orientation to Computers and CAD | 24.0 | ü | ü |
| 360104fA | Residential Print Reading - Part A | 24.0 | ü | ü |
| 360104fB | Residential Print Reading - Part B | 24.0 | ü | ü |
| 360105aA | Basic Math Concepts - Part A | 24.0 | ü | ü |
| 360105aB | Basic Math Concepts - Part B | 24.0 | ü | ü |
| 360105bA | Area Perimeter Board Feet and Volumes - Part A | 24.0 | ü | ü |
| 360105bB | Area Perimeter Board Feet and Volumes - Part B | 24.0 | ü | ü |
| 360105c | Ratio and Proportion and Percentage | 24.0 | ü | ü |

### Second Period

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Module Number** | **Module Name** | **New Version**1 | **Maintenance Updates\*** | **Rebrand Updates**  |
| 360201a | Adhesive Applications | 24.0 | ü | ü |
| 360201bA | Cabinetmaking Hardware - Part A | 24.0 | ü | ü |
| 360201bB | Cabinetmaking Hardware - Part B | 24.0 |  | ü |
| 360201bC | Cabinetmaking Hardware - Part C | 24.0 | ü | ü |
| 360201cA | Plastic Laminates and Solid Surface Materials - Part A | 24.0 | ü | ü |
| 360201cB | Plastic Laminates and Solid Surface Materials - Part B | 24.0 |  | ü |
| 360201d | Mouldings, Specialty Products, and Veneers | 24.0 |  | ü |
| 360202a | Mortising and Tenoning Machines | 24.0 | ü | ü |
| 360202bA | Profiling Machines and Auto Feed Devices - Part A | 24.0 | ü | ü |
| 360202bB | Profiling Machines and Auto Feed Devices - Part B | 24.0 | ü | ü |
| 360202c | Stationary Sanding Machines | 24.0 | ü | ü |
| 360202d | Multiple Spindle Boring Machines | 24.0 | ü | ü |
| 360202e | Break Out Solid and Sheet Materials | 24.0 | ü | ü |
| 360202fA | Machining and Assembly of Casework Drawers and Doors - Part A | 24.0 | ü | ü |
| 360202fB | Machining and Assembly of Casework Drawers and Doors - Part B | 24.0 | ü | ü |
| 360202gA | Interior Doors Frames and Trim - Part A | 24.0 | ü | ü |
| 360202gB | Interior Doors Frames and Trim - Part B | 24.0 | ü | ü |
| 360202h | Introduction to Computer Numeric Controlled (CNC) Machinery | 24.0 | ü | ü |
| 360203a | Wood Finishing Safety | 24.0 | ü | ü |
| 360203b | Surface Preparation | 24.0 | ü | ü |
| 360203cA | Top Coatings - Part A | 24.0 | ü | ü |
| 360203cB | Top Coatings - Part B | 24.0 | ü | ü |
| 360204a | Drawing Standards | 24.0 | ü | ü |
| 360204bA | Commercial Print Reading - Part A | 24.0 | ü | ü |
| 360204bB | Commercial Print Reading - Part B | 24.0 |  | ü |
| 360204c | Free-Hand Sketches | 24.0 | ü | ü |
| 360204d | Pictorial Drawing and Sketching | 24.0 | ü | ü |
| 360204e | Kitchen and Casework Drawings | 24.0 | ü | ü |
| 360204f | Material Cutting Lists and Procedural Plans | 24.0 | ü | ü |
| 360205a | Material Quantity Calculations | 24.0 |  | ü |
| 360205b | Bulk Material Costs | 24.0 | ü | ü |
| 360205c | Integrated Trade Calculations | 24.0 | ü | ü |

### Third Period

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Module Number** | **Module Name** | **New Version**1 | **Maintenance Updates\*** | **Rebrand Updates**  |
| 360301a | Plastic for Cabinetmakers | 24.0 | ü | ü |
| 360301b | Glass for Cabinetmakers | 24.0 | ü | ü |
| 360301c | Metal for Cabinetmakers | 24.0 | ü | ü |
| 360301d | Packaging and Shipping of Millwork | 24.0 | ü | ü |
| 360302a | Elements and Principles of Design | 24.0 | ü | ü |
| 360302b | Ergonomics | 24.0 | ü | ü |
| 360302c | Joinery Techniques | 24.0 | ü | ü |
| 360302d | Curved Elements in Wood | 24.0 | ü | ü |
| 360302e | Furniture Design and Architectural Terms | 24.0 |  | ü |
| 360302f | Wall and Ceiling Treatments | 24.0 | ü | ü |
| 360302g | Custom Veneer Production Applications | 24.0 | ü | ü |
| 360302h | Prototypes | 24.0 | ü | ü |
| 360302i | Dry Fit | 24.0 | ü | ü |
| 360303a | Custom Shaper and CNC Machining Centre Production Applications | 24.0 | ü | ü |
| 360303b | Moulders | 24.0 | ü | ü |
| 360303c | Specialized Industrial Machines | 24.0 | ü | ü |
| 360303d | Woodturning Machines | 24.0 | ü | ü |
| 360303e | Advanced Table Saw Applications and Procedures | 24.0 | ü | ü |
| 360303f | CNC Manufacturing | 24.0 | ü | ü |
| 360304a | Stair Design and Codes | 24.0 | ü | ü |
| 360304b | Stair Construction | 24.0 | ü | ü |
| 360304c | Stair and Handrail Installation | 24.0 | ü | ü |
| 360305a | Blueprint Reading Principles | 24.0 | ü | ü |
| 360305b | Plans, Elevation, Sections and Details | 24.0 | ü | ü |
| 360305c | Specialized Plan Views | 24.0 | ü | ü |
| 360305d | Integrated Print Reading Skills | 24.0 | ü | ü |
| 360305e | Interpret Commercial Prints | 24.0 | ü | ü |
| 360305f | Shop Drawings from Commercial Prints | 24.0 | ü | ü |
| 360305i | Computer Assisted Drafting (CAD) and Computer Assisted Manufacturing (CAM) | 24.0 | ü | ü |
| 360306a | Mechanical Advantage | 24.0 | ü | ü |
| 360306b | Takeoffs and Layout | 24.0 | ü | ü |
| 360306c | Job Costing | 24.0 | ü | ü |
| 360306dA | Stair Calculations - Part A | 24.0 | ü | ü |
| 360306dB | Stair Calculations - Part B | 24.0 | ü | ü |
| 360306dC | Stair Calculations - Part C | 24.0 | ü | ü |
| 360306dD | Stair Calculations - Part D | 24.0 | ü | ü |
| 360306e | Cutting Speeds | 24.0 | ü | ü |

### Fourth Period

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Module Number** | **Module Name** | **New Version**1 | **Maintenance Updates\*** | **Rebrand Updates**  |
| 360401aA | Principles of Advanced Furniture Joinery - Part A | 24.0 | ü | ü |
| 360401aB | Principles of Advanced Furniture Joinery - Part B | 24.0 | ü | ü |
| 360401bA | Marquetry Parquetry Intarsia Inlay and Special Veneer Matches - Part A | 24.0 | ü | ü |
| 360401bB | Marquetry Parquetry Intarsia Inlay and Special Veneer Matches - Part B | 24.0 | ü | ü |
| 360401c | Fire Retardant Materials and Practices | 24.0 | ü | ü |
| 360401d | Basic Woodcarving | 24.0 | ü | ü |
| 360401e | Commercial Millwork | 24.0 | ü | ü |
| 360401f | Integrated CNC | 24.0 | ü | ü |
| 360401h | Custom Millwork Installation Tools and Techniques | 24.0 | ü | ü |
| 360402a | Job Roles and Responsibilities | 24.0 | ü | ü |
| 360402b | Contract Law | 24.0 | ü | ü |
| 360402c | Business Structures and Practices | 24.0 |  | ü |
| 360402d | Large and Small Shop Practices | 24.0 | ü | ü |
| 360402e | Production Scheduling | 24.0 | ü | ü |
| 360402f | Machine Maintenance | 24.0 | ü | ü |
| 360403a | Wood Finishing Applications | 24.0 | ü | ü |
| 360403b | Specialized Wood Finishing | 24.0 | ü | ü |
| 360404a | Commercial Prints with Complex Architectural Elements | 24.0 | ü | ü |
| 360404b | Print Conflicts and Resolution | 24.0 | ü | ü |
| 360404c | Two-Point Perspective Drawing | 24.0 | ü | ü |
| 360404d | Advanced Sketching | 24.0 |  | ü |
| 360404e | Commercial Layouts | 24.0 | ü | ü |
| 360406b | Material Optimization | 24.0 | ü | ü |
| 360406c | Standard Estimating Methods | 24.0 | ü | ü |
| 360406d | Estimating Using Yield Factors for Large Projects | 24.0 | ü | ü |
| 360406e | Unit and Shipping Costs | 24.0 | ü | ü |
| 360406f | Rule of Thumb Costing | 24.0 | ü | ü |
| 360407a | Workplace Coaching Skills | 24.0 | ü | ü |
| 360407b | Alberta’s Industry Network | 24.0 | ü | ü |
| 360407c | Interprovincial Standards Red Seal Program | 24.0 | ü | ü |

### Additional Modules

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Module Number** | **Module Name** | **New Version**1 | **Maintenance Updates\*** | **Rebrand Updates**  |
| A-DP360209d | Blueprint Package Part 1 of 2 (Castilian Plan - 1st half) | 24.0 | ü | ü |
| A-DP360209e | Blueprint Package Part 2 of 2 (Castilian Plan - 2nd half) | 24.0 | ü | ü |
| A-DP360210c | Blueprint Package Part l (Holiday Inn Express Pages 1 - 6 of 24 Pages) | 24.0 |  | ü |
| A-DP360210d | Blueprint Package Part ll (Holiday Inn Express Pages 7 - 12 of 24 Pages | 24.0 |  | ü |
| A-DP360210e | Blueprint Package Part lll (Holiday Inn Express Pages 13 - 18 of 24 Pages) | 24.0 |  | ü |
| A-DP360210f | Blueprint Package Part lV (Holiday Inn Express Pages 19 - 24 of 24 Pages) | 24.0 |  | ü |
| A-DP360211d | Drawing Package Sample Kitchen Drawing | 24.0 | ü | ü |
| A-DP360304h | Furniture Design History Timeline Chart | 24.0 | ü | ü |
| A-DP360308f | Blueprint Package Part 1 of 2 (Castilian Plan - 1st half) | 24.0 | ü | ü |
| A-DP360308g | Blueprint Package Part 2 of 2 (Castilian Plan - 2nd half) | 24.0 | ü | ü |
| A-DP360407c | Blueprint Package Part 1 of 7 (Jasper Emergency Services Building Pages 1 - 6 of 40 Pages) | 24.0 |  | ü |
| A-DP360407d | Blueprint Package Part 2 of 7 (Jasper Emergency Services Building Pages 7 - 12 of 40 Pages) | 24.0 |  | ü |
| A-DP360407e | Blueprint Package Part 3 of 7 (Jasper Emergency Services Building Pages 13 - 18 of 40 Pages | 24.0 |  | ü |
| A-DP360407f | Blueprint Package Part 4 of 7 (Jasper Emergency Services Building Pages 19 - 24 of 40 Pages) | 24.0 |  | ü |
| A-DP360407g | Blueprint Package Part 5 of 7 (Jasper Emergency Services Building Pages 25 - 30 of 40 Pages) | 24.0 |  | ü |
| A-DP360407h | Blueprint Package Part 6 of 7 (Jasper Emergency Services Building Pages 31 - 36 of 40 Pages) | 24.0 |  | ü |
| A-DP360407i | Blueprint PackagePart 7 of 7(Jasper Emergency Services BuildingPages 37 - 40 of 40 Pages) | 24.0 |  | ü |
| A-DP360408b | Exercise forTwo-Point Perspective | 24.0 | ü | ü |
| A360103e | Drilling Tools and Saws | 24.0 | ü | ü |
| A360213aA | Trade Math Review - Part A | 24.0 | ü | ü |
| A360213aB | Trade Math Review - Part B | 24.0 | ü | ü |
| A360302e | Thermal and Acoustic Insulation | 24.0 | ü | ü |

1. ILMs are updated on a module-by-module basis; not all modules in a Period are updated within the same cycle, and a combination of different version numbers within a Period is normal. **However, every module has received a new version number for the 2022 publishing cycle to reflect their rebranding.** The most current, published version of each module will always be the version that is posted on the [Order Modules](https://ilm.nait.ca/order-modules) page of the ILM website. [↑](#footnote-ref-2)