

- WCA Credentialing Path
- Available training resources
- Help you get started
- Classroom Mgmt
- Recognition
- Reporting results
- Answer Questions



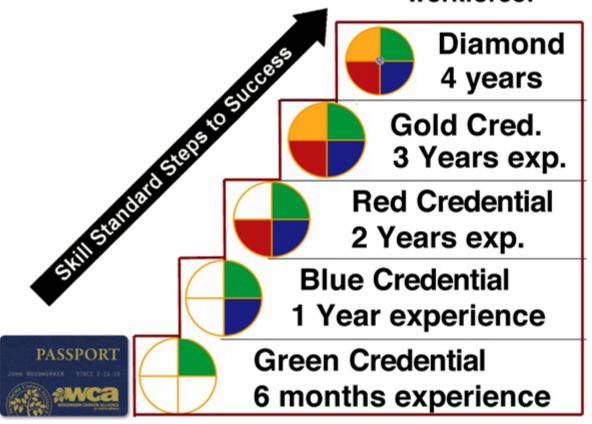




Professional Career Path

1 Year = 1600 hours

A more knowledgeable and skilled workforce!



240 Points
+ Diamond Project

180 Points + Gold Project

120 Points + Red Project

60 Points

30 Points



Sawblade Certificate

- 1. Student enrolls in WCA, (Passport and 10 free assessment credits.) \$55 one-time.
- 2. Student passes the Skill Standards <u>BASIC</u> <u>Measuring and Layout</u> evaluations.





Sawblade Certificate

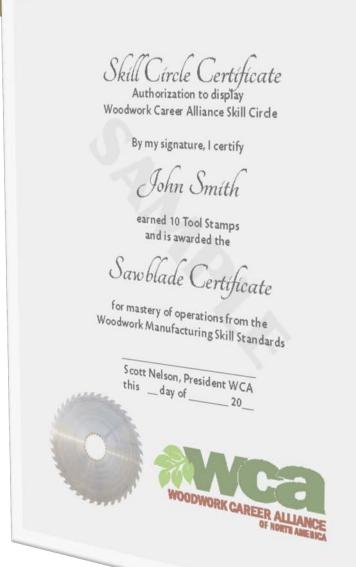
- 3. Student earns 10 points (2 points for each Level 2 achievement) as follows:
 - Level 2 on Jointer Edge jointing1st edge
 - Level 2 on Table Saw Ripping
 - Level 2 on Table Saw Edge rabbet/single blade
 - Level 2 on Portable Hand SanderSand solid lumber
 - Level 2 on Drill Press Drill holes to specified location and depth





Sawblade Certificate

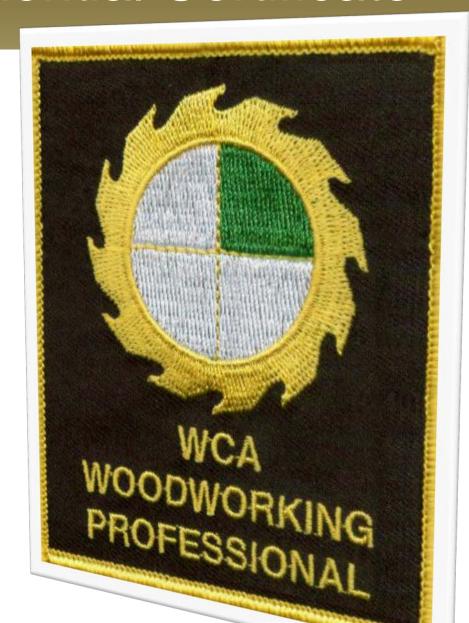
- 4. Student scores 80% on the 40-question<u>WCA</u>
 Sawblade online test.
- 5. Educator records successful assessments Points in the WCA Registry, which triggers an automated notice to WCA.
- 6. Student receives
 Sawblade Certificate,
 signed by WCA President





Green Credential Certificate

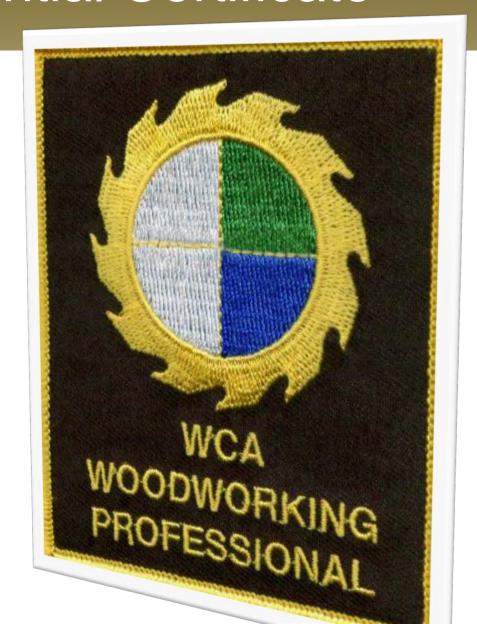
- Earn 20 More
 Points, for a total of 30.
- 2. Record 800 Hours in school or at work since enrollment in WCA Program.
- 3. Get Pin, Patch, and Certificate.





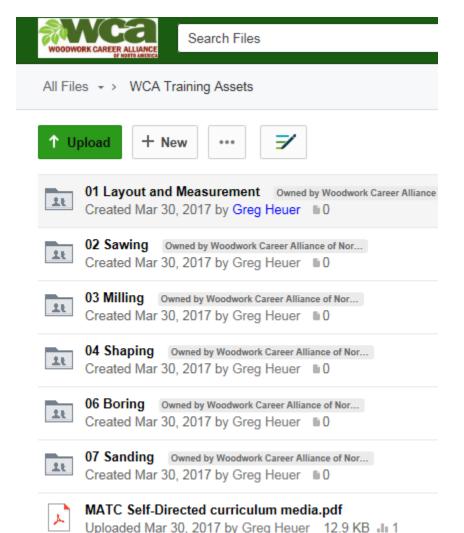
Blue Credential Certificate

- Earn 30 More
 Points, for a total of
 60.
- 2. Record 800 Hours in school or at work since earning the Green Credential, for a total 1,600 hours.
- 3. Pin, Patch, and Certificate.





Getting Started - Resources for Training & Assessment



Woodworking 1A: Machinery & Methods

Learning Plan

Unit 1.1: Measurement

Overview

In many trades, especially the woodworking trades, much of the skill of the "skilled worker" is the ability to use measuring and layout tools with precision and accuracy. Woodworkers spend a large part of their time making measurements and calculations. This will often involve both U.S. Customary and metric systems of measurement. This module you will test your ability to read a ruler and add measurements.

Task	Estimated Time	Actual Time
Reading/Study	1.5 hours	
Observation & Practice	2.5 hours	
Exercise	1 hour	

Learning Activities

Task

- ☐ Read Modern Cabinetmaking pp. pp. 149-55
- Review the presentation Measurement for Woodworkers on Blackboard or with your instructor.
- □ Read Information sheet 1, "Goals in Measurement"
- ☐ Review Information sheet 2, "Scale Markings U.S. Customary System"
- ☐ Watch the video Tape Measures: Care & Use https://youtu.be/QL2ul777qXw
- Print & complete Skill Activity 1, "Measuring with a rule"; check your answers and consult with your instructor if you have questions.
- ☐ Watch the video Slide Calipers: Care & Use https://youtu.be/D-FIY1K2Azo
- Review Information sheet 4 on Caliper Use
- Practice measuring with a calipers
- □ Complete the test on Measurement
- □ Complete Exercise 1.1 Measurement Widget

Assessment Activities

- Test: Measurement
- ☐ Submit Exercise 1.1 for review



The Learning Plan

Woodworking 1A: Machinery & Methods

Learning Plan

Unit 1.1: Measurement

Overview

In many trades, especially the woodworking trades, much of the skill of the "skilled worker" is the ability to use measuring and layout tools with precision and accuracy. Woodworkers spend a large part of their time making measurements and calculations. This will often involve both U.S. Customary and metric systems of measurement. This module you will test your ability to read a ruler and add measurements.

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Exercise	1 hour	





The Learning Plan

Learning Activities

Dood Modow Cahinatmaking no no 140 55

Complete the test on Measurement

Complete Exercise 1.1 – Measurement Widget

✓ Task

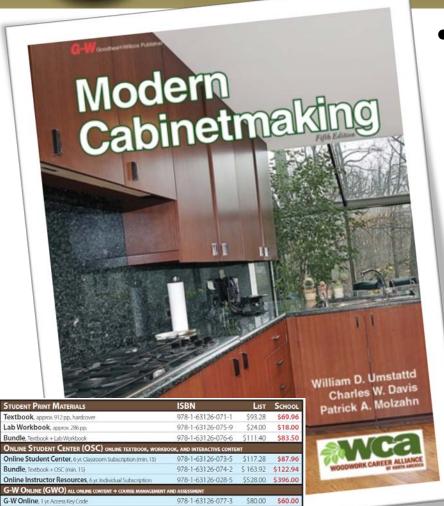
ш	Read Modern Cabinetmaking pp. pp. 149-33
	Review the presentation Measurement for Woodworkers on Blackboard or with your instructor.
	Read Information sheet 1, "Goals in Measurement"
	Review Information sheet 2, "Scale Markings – U.S. Customary System"
	Watch the video Tape Measures: Care & Use https://youtu.be/QL2ul777qXw
	Print & complete Skill Activity 1, "Measuring with a rule"; check your answers and consult with
	your instructor if you have questions.
	Watch the video Slide Calipers: Care & Use https://youtu.be/D-FIY1K2Azo
	Review Information sheet 4 on Caliper Use
	Practice measuring with a calipers





ExamView® Assessment Suite Instructor's Presentations for PowerPoint®

WCA & Modern Cabinetmaking



978-1-63126-081-0 \$244.00 \$183.00

Modern Cabinetmaking Features:

- Terminology
- Step by Step procedures
- Safety Notes & Illustrations
- Working Knowledge
- Green Notes
- Bulleted Summaries
- Test Your Knowledge
- Suggested Activities (Common Core)

WCA Correlates with textbook

- General Considerations
- Pre-operation checklists
- Actual Standards





Videos:

www.youtube.com/user/PMolzahn



Patrick Molzahn

✓ Subscribed 🜲 77



This is a collection of videos from Madison College's Cabinetmaking & Millwork program.

Uploads



Portable Power Sanders 34 views • 3 weeks ago



5:33

DA Sander Tips & Techniques 40 views • 3 weeks ago



Kaizen Foam in the Kitchen 211 views • 1 month ago



Tape Measures: Care & Use 52 views • 2 months ago



Common Tools for Layout 56 views • 2 months ago



Slide Calipers: Care & Use 50 views • 6 months ago

Created playlists



Sanding



Drill Press



Measurement & Layout



Shaper



Favorites



Table Saw Parts & Adjustments



Demonstration Checklists



Biscuit Joiner Demonstration Checklist:

Name	<u>:</u>	Date/_		_			
Observer:							
With your instructor or an approved proxy, demonstrate on a Biscuit Joiner:							
Describe tool hazards & demonstrate lock-out/tag-out procedures							
0	On/off switch						
0	Depth of cut adjustment						
0	Fence adjustment for height			ls a			
0	Fence adjustment for angle		\Rightarrow				
0	Locator markings (at least 3)	Edge to Egge/End to End Joint					
0	Dry run of Edge-to-Edge joint			90° Buth Jointed Comer			
0	Dry run of 90 degree Butt Corner						
0	Dry run of an Intermediate 90 degree joi	nt 🗀		M			
0	Dry run of two 45 degree mitered panel	ends =					
0	What are the 3 most common biscuit size	s? Intermediate 90	Zioin:	Edge Witter Joint			
0	What is the typical centerline distance between biscuits?						

(By signing this document you are indicating that you have reviewed the learning materials and understand

o Describe how to change the tooling

the proper operation, maintenance and safety procedures for this machine).

Student's Signature:

Instructor's Approval:

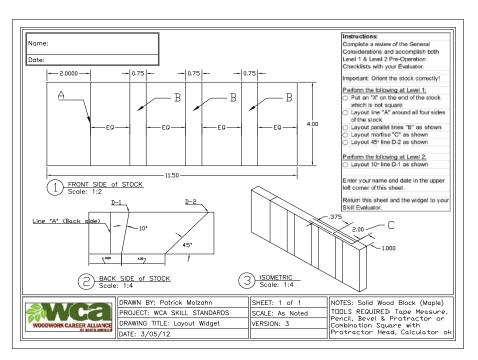


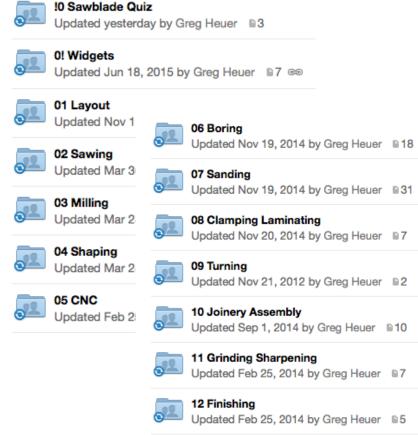


Assessment Materials & Forms

Assessment Activities

- Test: Measurement
- Submit Exercise 1.1 for review

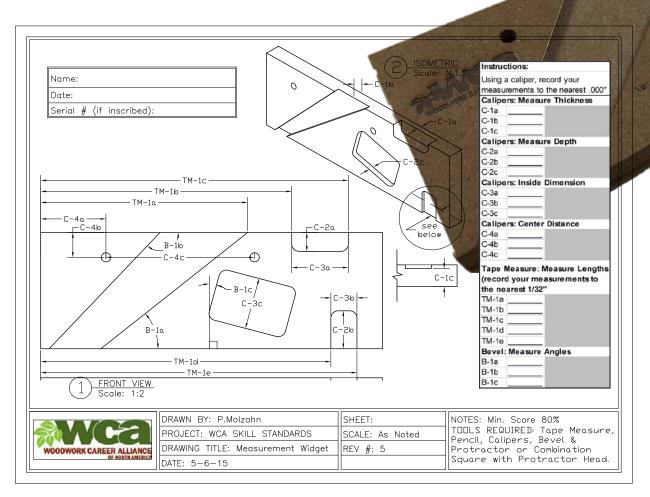








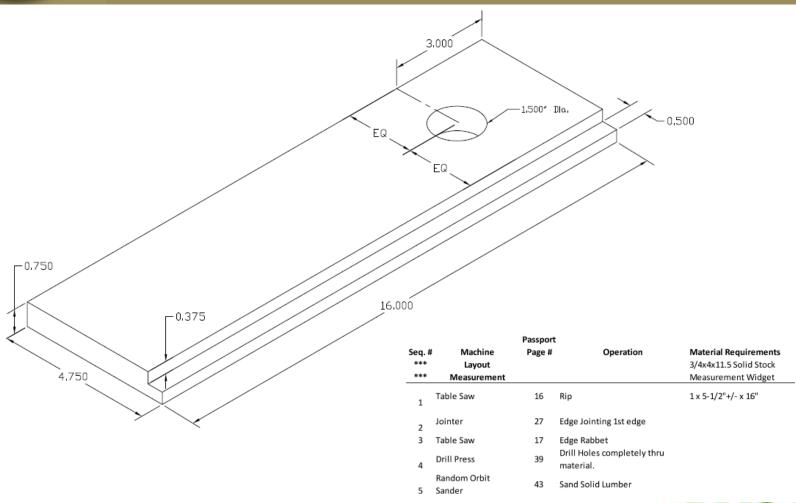
Measurement Widget







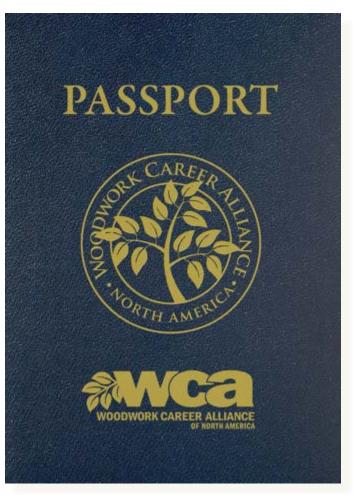
Sawblade Test Widget







The Passport

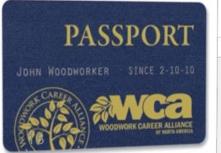


- Entry point into the system
- Candidates must purchase prior to any assessment
- *Physical record of points; REGISTRY database is official record



The Registry

Basics WCA ID 000001 Active Status Admin Rank Region 9-Atlantic Experience 10000 Hours **Tool Stamps** 185 Certification Diamond Credential Level **Purchase Credits PASSPORT**

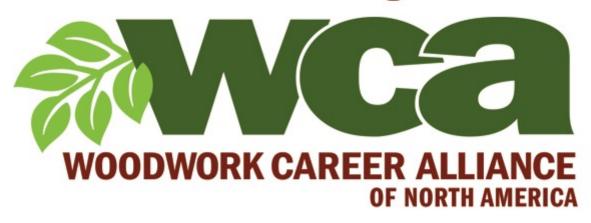


Contact Info Picture Greg Heuer Name P.O. Box 636 Address Woodwork Career Alliance Nellysford City Virginia State Postal Code 22958 USA Country 434-298-4650 Phone Email gheuer212@me.com Update Contact Info



WCA EDUcation Membership

WCA-EDU Training Affiliate



- EDUcation™ Division Subscription for Schools
 - \$250 per year Must have One Instructor Enrolled/Passport Holder
 - Benefits easily return the annual subscription cost . . .





What Does It Cost?

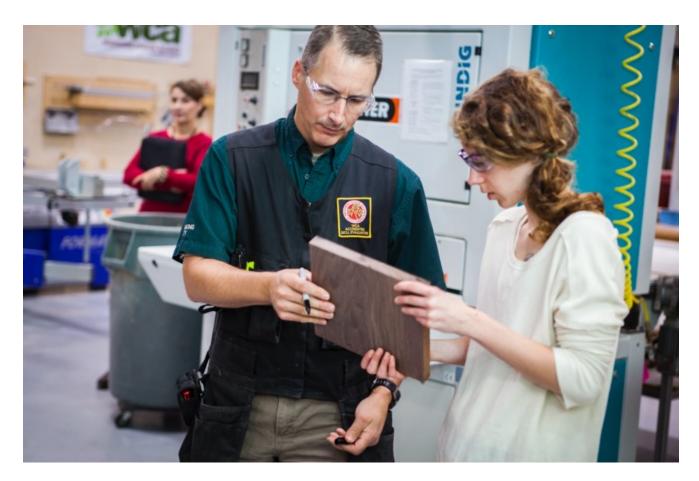
- "Essentials" donation package
 - \$50 coupon from Quickscrews
 - Digital membership at Fine Woodworking and Fine Homebuilding
 - Veneer from Veneer Technologies
 - 2 Gals. Glue from Franklin
 - Free Bessey Clamps for first 50 schools to sign up; 40% off for all schools.
 - Product Package from Rockler.com
- Streamlined Multi-Student Registration Process
- Certification Program for Students: Sawblade Certificate
 - 10 free credits; \$50 value/student for evaluations
 - Online Written knowledge test
- Access to training & evaluation materials
- 1 tuition-free Accredited Skill Evaluator training per year

Much More – Page 21 of the Evaluator Handbook ...





Assessing students







TEACHING THE WCA STANDARDS

GETTING YOUR STUDENTS TO THE:

"SAW BLADE AWARD"

WHAT!, WHEN! AND HOW!

INCLUDING VIDEO ASSESSMENT





STARTING THE SCHOOL YEAR

SEPTEMBER The First Week Of School

- Bulk Passport Order form email to Greg
- Take and Upload <u>Headshots</u>



- School office places bulk order
- Class fee(\$55.00) covers WCA membership
- School Subscription \$250.00 Perkins Funds?
- Why?? **BENEFITS!** Real Tools & Materials





WEEK 2

TAPE MEASURE SKILL EVALUATIONS

ASSESSMENT FORMS

1.1.1, 1.1.2, 1.1.3, 1.1.4 IN A PACKET

WIDGET 1

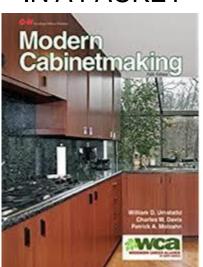
WIDGET 4

NOTES

QUIZ I use MOODLE

Don't wait for passports









WEEK 4

DIAL CALIPER SKILL EVALUATIONS

ASSESSMENT FORMS <u>1.3.1</u>, 1.3.2, 1.3.3, 1.3.4 <u>WIDGET</u>







OCTOBER WEEK 6

COMBINATION SQUARE SKILL EVALUATIONS

ASSESSMENT FORMS <u>1.2.1</u>, 1.2.2, 1.2.3 PACKET

STUDENTS CREATE WIDGET

ANGLES

MC Chapter 12

Pages 150-155

SIGN UP FOR BENEFITS 10/31 DEADLINE







NOVEMBER: RECORDING RESULTS

KEEP A LIST AS YOU GO DO THEM IN BULK ASSESSMENT CREDITS USING REGISTRY







FEBRUARY SEMESTER 2: WEEK 2

JOINTER SKILL EVALUATION

3.1.2 Edge jointing 1st edge

VIDEO CHECK LIST

MC Chapter 25

MILLING NOTES







FEBRUARY WEEK 4

TABLE SAW SKILL EVALUATION

2.1.1 Ripping

VIDEO CHECK LIST

EXAMPLE VIDEO

SAWING NOTES

MC Chapter 23

PGs 371-378







MARCH WEEK 6

TABLE SAW SKILL EVALUATION

2.1.4 EDGE RABBET W/ SINGLE BLADE or

2.1.5 EDGE RABBET WITH DADO SET

VIDEO CHECK LIST







APRIL WEEK 10

SANDING FLAT SOLID LUMBER SKILL EVAL

Assessment form

I DON'T DO A VIDEO

EXAMPLE PRODUCT

MC Chapter 29 & 30

NOTES







APRIL WEEK 11

LUMBER & MILLWORK KNOWLEDGE

MAKE SURE TO REVIEW THIS TOPIC FOR THE SAW BLADE QUIZ

MC Chapter 14

NOTES







APRIL WEEK 12

BORING SKILL EVALUATION

6.1.1 Drill holes to specified location and depth

MAKE VIDEO CHECK LIST

NOTES

MC Chapter 27







MAY WEEK 12

RECORD FINAL RESULTS
HANDOUT PASSPORTS

SET STUDENTS UP FOR ONLINE QUIZ LOGIN

WCA PASSPORT NUMBER



By my signature, I certify

John Smíth

earned 10 Tool Stamps and is awarded the

Sawblade Certificate

for mastery of operations from the Woodwork Manufacturing Skill Standards

> S cott Nelson, President WCA this ___ day of ______ 20__





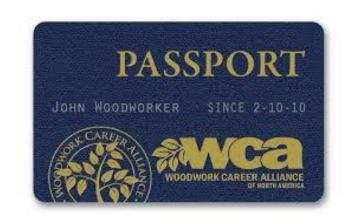




MAY WEEK 14

CONFIRM QUIZ RESULTS

PROJECT WORK DEADLINE



SHOP SHUTDOWN

ANNUAL STUDENT MAINTENANCE





SUMMER

REFLECT-REFINE-PREPARE

- -GET THE WCA TEACHER CHECK LIST
- -GENERATE NEEDS LIST USE WISH LIST —as year progresses
- -UPDATE COURSE MEDIA consider google classroom
- MAINTAIN, REPAIR, IMPROVE facilities
- -ORDER SUPPLIES
- -MAKE PACKETS ---switching to google forms







SCAN THE QR CODE OR EMAIL FOR A LINK TO MY PRESENTATION MATERIALS

christensenb@westosha.k12.wi.us

I will share my video checklists, notes, or anything else on request.







Scan the QR code or EMAIL FOR A LINK TO MY PRESENTATION christen@westosha.k12.wi.us





PATRICK MOLZAHN WCA





Woodwork Career Alliance

1. Recognize

2. Reward

3. Rejoice







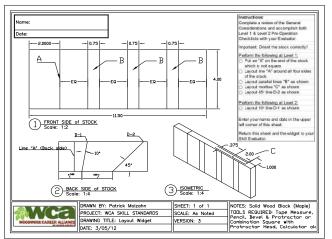
Awards Celebration

- 1. Award the Certificates in a public ceremony.
- 2. Be SURE your administrators and guidance counselors get the good news
- 3. Share the names and pictures with the local newspaper and parents.
- 4. Share news with WCA.





Help Build Our Library of Resources







Portable Power Sanders 34 views • 3 weeks ago



DA Sander Tips & Techniques 40 views • 3 weeks ago



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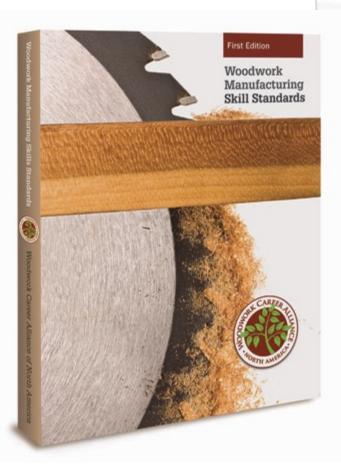


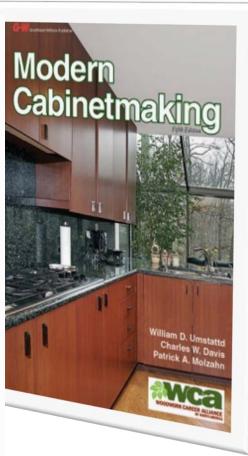
Table Saw Parts & Adjustments





Summary & Questions





- WCA
 Credentialing Path
- Available training resources
- How to get started
- Questions?





WCA Contacts

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