DEPARTMENT: TECHNOLOGY EDUCATION	COURSE TITLE: WOODWORKING TECHNOLOGY III COURSE NUMBER: 524
GRADE(S): 9-12	PRE-REQUISITES (IF ANY): WOODWORKING TECHNOLOGY I AND II

UNIT	LENGTH	CONTENT	SKILLS	METHODS OF ASSESSMENT	FRAMEWORK STRAND(S) & STANDARD(S)
Introduction	3 days	• Jobs students have worked in related to the wood industry • Related work experiences of the teacher within the past summer	Students will: • Present oral talks and multi media presentations of wood related experiences, i.e. power point presentations, slides, photos and video	• Oral presentations	STE-4, 9/10, 1.1
Safety	4 days, plus ongoing reinforcement	• Evacuation procedures and the location of safety equipment specific to the high school as well as similar public buildings • How to use personal safety devices • How industry deals with safety and why it needs to be taken so seriously • The Material Safety Data Sheet (MSDS) system • The identification of danger areas around and on machines for both operators and non-operators • The ARHS Safety Manual • OSHA	Students will: • Identify personal safety devices and why they should be worn • Demonstrate the proper evacuation of the classroom and lab in an emergency • Explain the use of the safety devices specific to the wood lab • Describe what a MSDS is used for and how they might benefit from this understanding • Demonstrate proper and safe working habits in the lab	• Written quiz or test on safety rules and procedures in the lab, industry and the home workshop • Observation of the adherence to the safety guidelines as outlined in the ARHS Safety Manual • Written Safety Test	STE-4, 9/10, 7.2
Review of machine operation, use and safety	1 week	• The safe use and operation of the machinery in the lab	Students will: • Produce samples of the various cuts and processes each machine performs • Show and tell the process to the instructor and classmates	• Observation of selected processes • Critique of procedures • Checks for quality and accuracy. • Check for quality of finish.	STE-4, 9/10,2.1 STE-4, 9/10, 1.2, 1.3, 1.4, 1.5
Advanced project selection and discussion	3 days	• Choosing, designing, drawing and explaining project selections to the instructor and the class	Students will: • Be able to defend the design through established criterion	• Oral presentation of the design evolution	STE-4, 9/10,7.4 M- 8.M.3, 10.M.10

Design, drawing and construction of the advanced project	To the end of the term.	• The designed project • Observations of industrial finishing	Students will: • Use the appropriate tools and machines in the fashion of high craftsmanship	• Checks for quality and accuracy	STM-4, 6.8, 2.1, 2.2 M- 8.M.3, 10.M.10
Field trips to wood related destinations	Open ended	• Field trip observations	Students will: • Present orally and use multi media	• Presentation	Exp. 1-9, 12, 13