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| Macintosh HD:Users:mikelindstrom:Desktop:Screen Shot 2015-11-03 at 9.49.05 PM.png | Anoka-Hennepin CTE Course Syllabus |  |

**Course: 76730 Wood Technology III**

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| **Program of Study:** Construction Careers**Subcategory**: Construction Occupations/General**Teacher: Mr. Paddock** **Email:** **david.paddock@ahschools.us****Phone: 506-8480** | **Anoka-Hennepin Number:** 76730 **Wood Technology III****State Prog. Cod**e: 171000 **- Course Code:** 3**Number Days:** 58 **Approx. Hrs.:** 65 **- Term:** 1 Tri**Number of Credits:** .5 |

**Prerequisites:** Wood Technology II

**Brief Description:** Elective open to grades 10, 11, and 12. This class is intended to teach the fundamentals of cabinet and furniture construction. Students will design, plan and construct more complex cabinets and/or furniture in the class.

**Course Outcomes:** The following topics will be addressed:

* 1. Safety: Students will understand and demonstrate:
	2. Appropriate personal safety habits and clothing
	3. Hand tool and portable equipment safety procedures and operations.
	4. Machine tool safety procedures and operations.
	5. Safe use and storage of hazardous/flammable chemicals
	6. Content
	7. Students will demonstrate knowledge of measurement.
	8. Students will select and properly use materials and supplies.
	9. Students will use various joinery/assembly techniques while building their project.
	10. Students will understand basic cabinetry and furniture construction
	11. Students will understand and use more complex processes used in custom furniture and cabinetry.
	12. Sequence of topics:

a. Wood its nature and properties

b. Planning and working drawings

c. Safe use of tools and machines

d. Frame and Panel construction

e. Face frame construction

f. Use of plywood panels

g. Constructing and installing moldings

h. Common joinery techniques

i. Drawer construction and installation

j. Door construction and installation

k. Sanding and finishing

**Methods:** This course will include required reading that relates to the instructional units listed, lectures, discussions, demonstrations, and self-paced work. Although this is a hands-on course, it will be necessary for students to become familiar with new terms, concepts and processes before practicing new skills. All lectures and demonstrations are followed by activities that allow students to more fully understand the presented material.

**Evaluation:** The grade for this course will be based on the following:

* A – 100% - 90%
* B – 89% - 80%
* C – 79% - 70%
* D – 69% - 60%
* F – 59% or below
	1. Project which meets requirements (approx. 65%)
	2. Quizzes, tests, worksheets etc. (approx. 35%)

**Resources:** The following resources are needed for this course:

1. Notebook and pencil
2. Safety glasses (non tinted)
3. 10 to 16 foot tape measure
4. Good attitude and willingness to learn and participate!

**Attend. & Conduct:** Attendance and class participation are critical to the student's success in understanding and gaining familiarity with CTE concepts. Please notify the instructor if you will be missing any classes. Students are expected to submit their own work for this course. Academic dishonesty will NOT be tolerated. This includes copying the work of other students during examinations; unauthorized collaboration on homework and project assignments; unauthorized use of the internet to obtain homework and/or test answers; representing work done by others as your own.

**College Credit or Professional Certification:** Pending

**# Coll Cr (if any):** **School(s) Accepting Credit:**

**# Hrs Toward Prof. Cert. (if any):** 0 **Qualification Method:** Course compl. w/specified grade

**Details:**