



Golden Triangle Cooperative

Career Vocational and Technical Education Curriculum

Industrial Arts Technology

Woods Technology

CVT=Montana Career and Vocational Technical Education

<http://opi.mt.gov/PDF/Standards/ContStds-CareerTech.pdf>

WCS=Montana Workplace Competency

<http://opi.mt.gov/PDF/Standards/ContStds-Workplace.pdf>

TS=Montana Technology Standards

<http://opi.mt.gov/PDF/Standards/10ConStds-Tech.pdf>

GTCC= Golden Triangle Coop Curriculum

GTCC.Wood.1 The student will identify woodworking machines and tool and parts. Correctly use and care for them. Understand and apply the safety rules and safe use associated with them. (WCS1B8#1,3,4) (WCS2B8#1-4) (WCS3B8#1) (WCS4B8#2) (WCS5B8#1-5) (WCS6B8#1,3,6) (WCS1B12#1,3,4) (WCS2B12#1-4) (WCS3B12#1) (WCS4B12 #2) (WCS5B12#1-5) (WCS6B12#1,3,6) (CVTS1B8#2) (CVTS2B8#2,4) (CVTS3B8#1-6) (CVTS4B8#1-5) (CVTS5B8#1,3,4) (CVTS1B12#1-3) (CVTS2B12#2,4) (CVTS3B12#2,3,4,6) (CVTS4B12#1-5) (CVTS5B12#1,3,4) (TS1B8#1-3) (TS2B8#1,2) (TS3B8#1) (TS4B8#1,2) (TS5B8#1,3) (TS6B8#1,3,4) (TS1B12#1-3) (TS2B12#1,2) (TS3B12#1) (TS4B12#1,2) (TS5B12#1,3) (TS6B12#1,3,4)

GTCC.Wood.2 The student will identify the uses, cell structure and properties of different kinds of wood. (WCS1B8#1,3,4) (WCS2B8#1-3) (WCS3B8#1) (WCS4B8#1-4) (WCS6B8#3) (WCS1B12#1,3,4) (WCS2B12#1-3) (WCS3B12#1) (WCS4B12#1-4) (WCS6B12#3) (WCS1B12#1,3,4) (WCS2B12#1-3) (WCS3B12#1) (WCS4B12#1-4) (WCS6B12#3) (CVTS1B8#2) (CVTS2B8#4) (CVTS3B8#1,2,3,5,6) (CVTS4B8#1,4,5) (CVTS5B8#1,3) (CVTS1B12#2) (CVTS2B12#2,4) (CVTS3B12#2-6) (CVTS4B12#1,4,5) (CVTS1B12#2) (CVTS2B12#2,4,5) (CVTS3B12#2-6) (CVTS4B12#1,4,5) (CVTS5B12#1,3) (TS1B8#1,3) (TS2B8#1-3) (TS3B8#1) (TS4B8#1,2) (TS5B8#1,3) (TS6B8#1,3,4) (TS1B12#1,3) (TS2B12#1-3) (TS3B12#1) (TS4B12#1,2) (TS5B12#1,3) (TS6B12#1,3,4)

GTCC.Wood.3 The student will perform necessary mathematical skills for woodworking. (WCS1B8#1,4) (WCS2B8#1-3) (WCS3B8#1) (WCS5B8#1-4) (WCS6B8#1,3)

(WCS1B12#1,4)(WCS2B12#1-3) (WCS3B12#1) (WCS5B12#1-4) (WCS6B12#1,3)
(CVTS1B8#1,2) (CVTS2B8#2-4) (CVTS3B8#1-6) (CVTS4B8#1,4,5)
(CVTS5B8#1,3,4) (CVTS1B12#2) (CVTS2B12#2-4) (CVTS3B12#2,3,4,6)
(CVTS4B12#1,4,5) (CVTS5B12#1,3,4) (TS1B8#1,3) (TS2B8#1-3) (TS3B8#1)
(TS4B8#1,2) (TS5B8#1,3) (TS6B8#1,3,4) (TS1B12#1,3) (TS2B12#1-3)
(TS3B12#1) (TS4B12#1,2) (TS5B12#1,3) (TS6B12#1,3,4)

GTCC.Wood.4 The student will identify and construct different types of jointery techniques. (WCS1B8#1,3,4) (WCS2B8#1-3) (WCS3B8#1,3,4) (WCS5B8#1-5) (WCS6B8#1,3) (WCS1B12#1,3,4) (WCS2B12#1-3) (WCS3B12#1,3,4) (WCS5B12#1-5) (WCS6B12#1,3) (CVTS1B8#1,2) (CVTS1B8#2-4) (CVTS3B8#1,2,3,5,6) (CVTS4B8#1-5) (CVTS5B8#1,3,4) (CVTS1B12#2) (CVTS2B12#3) (CVTS3B12#2,3,4,6) (CVTS4B12#1-5) (CVTS5B12#1,3,4) (TS1B8#1-3) (TS2B8#1-3) (TS3B8#1,2) (TS4B8#1-3) (TS5B8#1,3) (TS6B8#1,3,4) (TS1B12#1-3) (TS2B12#1-3) (TS3B12#1,2) (TS4B12#1-3) (TS5B12#1,3) (TS6B12#1,3,4)

GTCC.Wood.5 The student will identify and properly use a variety of hardware and fastening systems. (WCS1B8#3,4) (WCS1B12#3,4) (WCS2B8#1-5) (WCS2B12#2,3) (WCS3B8#1,4) (WCS3B12#1-4) (WCS5B8#1,2,3,5) (WCS5B12#2-5) (WCS6B8#1-4) (WCS6B12#1-3) (CVTS2B8#2,4) (CVTS2B12#1-4) (CVTS3B8#1) (CVTS3B12#1) (CVTS4B8#1-5) (CVTS4B12#1-5) (CVTS5B8#1,3,4) (CVTS5B12#1,3,4) (TS1B8#2) (TS1B12#2,4) (TS2B8#3) (TS2B12#3,4) (TS3B8#4) (TS3B12#4) (TS4B8#1-3) (TS4B12#1-3)

GTCC.Wood.6 The student will demonstrate the ability to read and understand project plans.-(WCS1B8#1,4) (WCS2B8#1-4) (WCS3B8#1) (WCS5B8#1-5) (WCS6B8#1,3) (WCS1B12#1,4) (WCS2B12#1-3) (WCS3B12#1) (WCS5B12#1-5) (WCS6B12#1,3) (CVTS1B8#1,2) (CVTS2B8#2-4) (CVTS3B8#1,2,3,5,6) (CVTS4B8#1,4,5) (CVTS5B8#1,3) (CVTS1B12#2) (CVTS2B12#2-4) (CVTS3B12#2,3,4,6) (CVTS4B12#1,4,5) (CVTS5B12#1,3) (TS1B8#1,3) (TS2B8#1-3) (TS3B8#1) (TS4B8#1,3) (TS5B8#1-3) (TS6B8#1,3,4) (TS1B12#1,3) (TS2B12#1-3) (TS3B12#1) (TS4B12#1,3) (TS5B12#1-3) (TS6B12#1,3,4)

GTCC.Wood.7 The student will plan a project, including formulating, designing, and development through a systematic process. (WCS1B8#1,2,4) (WCS2B8#1-4) (WCS3B8#1-4) (WCS5B8#1-5) (WCS6B8#1,3,6) (WCS1B12#1,2,4) (WCS2B12#1-4) (WCS3B12#1-4) (WCS5B12#1-5) (WCS6B12#1,3,6) (CVTS1B8#1,2) (CVTS2B8#2,4) (CVTS3B8#1-6) (CVTS4B8#1,4,5) (CVTS5B8#1,2) (CVTS1B12#1-3) (CVTS2B12#2,4) (CVTS3B12#2-6) (CVTS4B12#1,4,5) (CVTS5B12#1,2) (TS1B8#1,3) (TS2B8#1-3) (TS3B8#1,2) (TS4B8#1) (TS5B8#1-3) (TS6B8#1-4) (TS1B12#1,3) (TS2B12#1-3) (TS3B12#1,2) (TS4B12#1) (TS5B12#1-3) (TS6B12#1,2,4,5)

GTCC.Wood.8 The student will prepare an accurate -bill of materials and purchase list.
(WCS1B8#1,2,4) (WCS2B8#1-3) (WCS3B8#1-3) (WCS5B8#1-5) (WCS6B8#3)
(WCS1B12#1,2,4) (WCS2B12#1-3) (WCS3B12#1-3) (WCS5B12#1-5)
(WCS6B12#3) (CVTS1B8#1,2) (CVTS2B8#1-4) (CVTS3B8#1,2,3,5,6)
(CVTS4B8#1,4,5) (CVTS5B8#1,3) (CVTS1B12#2) (CVTS2B12#1-4)
(CVTS3B12#2,3,4,6) (CVTS4B12#1,4,5) (CVTS5B12#1,3) (TS1B8#1,3) (TS2B8#1-3)
(TS3B8#1) (TS4B8#1) (TS5B8#1,3) (TS6B8#1,3,4) (TS1B12#1,3) (TS2B12#1-3)
(TS3B12#1) (TS4B12#1) (TS5B12#1,3) (TS5B12#1,3,4)

GTCC.Wood.9 The student will demonstrate proper work ethics- and organizational skills, productivity.
(WCS1B8#1,3,4) (WCS2B8#1-3) (WCS3B8#1) (WCS5B8#1-4) (WCS6B8#1-3)
(WCS1B12#1,3,4) (WCS2B12#1-3) (WCS3B12#1) (WCS5B12#1-4)
(WCS6B12#1-3) (CVTS1B8#1,2) (CVTS2B8#2-4) (CVTS3B8#1-6)
(CVTS4B8#1,4,5) (CVTS5B8#1,3) (CVTS1B12#2,3) (CVTS2B12#2-4)
(CVTS3B12#2,3,4,6) (CVTS4B12#1,4,5) (CVTS5B12#1,3) (TS1B8#1-3)
(TS2B8#1-3) (TS3B8#1) (TS4B8#1,2) (TS5B8#1,3) (TS6B8#1,3,4) (TS1B12#1-3)
(TS2B12#1-3) (TS3B12#1) (TS4B12#1,2) (TS5B12#1,3) (TS6B12#1,3,4)

GTCC.Wood.10 The student will demonstrate the ability to successfully construct a woodworking project from plans. (WCS1B8#1-4) (WCS2B8#1-5)
(WCS3B8#1-4) (WCS4B8#2,3) (WCS5B8#1-5) (WCS6B8#1,2,3,6) (WCS1B12#1-4)
(WCS2B12#1-5) (WCS3B12#1-4) (WCS4B12#2,3) (WCS5B12#1-5)
(WCS6B12#1,2,3,6) (CVTS1B8#1-3) (CVTS2B8#1-4) (CVTS3B8#1-6)
(CVTS4B8#1,2,3,4,6) (CVTS5B8#1-4) (CVTS1B12#1-3) (CVTS2B12#1-4)
(CVTS3B12#1-6) (CVTS4B12#1-5) (CVTS5B12#1-4) (TS1B8#1-3) (TS2B8#1-3)
(TS3B8#1,2) (TS4B8#1-3) (TS5B8#1-3) (TS6B8#1-4) (TS1B12#1-3) (TS2B12#1-3)
(TS3B12#1,2) (TS4B12#1-3) (TS5B12#1-3) (TS6B12#1-4)

GTCC.Wood.11 The student will understand and apply various mass production concepts.
(WCS1B8#1,3,4) (WCS1B12#1-4) (WCS2B8#1-5) (WCS2B12#1-5)
(WCS3B8#1-4) (WCS3B12#1-4) (WCS4B8#2) (WCS4B12#1-3)
(WCS5B8#1-5) (WCS5B12#1-5) (WCS6B8#1-6) (WCS6B12#1-6)
(CVTS1B8#1-3) (CVTS1B12#1-3) (CVTS2B8#2-4) (CVTS2B12#1-4)
(CVTS3B8#1-6) (CVTS3B12#1-6) (CVTS4B8#1-5) (CVTS4B12#1-5)
(CVTS5B8#1-4) (CVTS5B12#1-4) (TS1B8#2,3,5) (TS1B12#2-5) (TS2B12#1-4)
(TS3B8#2) (TS3B12#1-5) (TS4B8#1-3) (TS5B12#1-3)

GTCC.Wood.12 The student will identify, use, or produce a variety of jigs and templates.
(WCS1B8#3) (WCS1B12#3,4) (WCS2B8#2,3,5) (WCS2B12#1-5)
(WCS3B8#1,3,4) (WCS3B12#1-4) (WCS5B8#1-5) (WCS5B12#1-5)
(WCS6B12#2,3)

GTCC.Wood.13 The student will identify and safely use various finish treatments.
(WCS1B8#1,3,4) (WCS2B8#1-3) (WCS3B8#1,3,4) (WCS5B8#1-5)
(WCS6B8#1,3) (WCS1B12#1,3,4) (WCS2B12#1-3) (WCS3B12#1,3,4)
(WCS5B12#1-5) (WCS6B12#1,3) (CVTS1B8#1,2) (CVTS2B8#2-4)
(CVTS3B8#1,2,3,5,6) (CVTS4B8#1-5) (CVTS5B8#1,3,4) (CVTS1B12#2)
(CVTS2B12#2-4) (CVTS3B12#2,3,4,6) (CVTS4B12#1-5) (CVTS4B12#1,3,4)
(TS1B8#1-3) (TS2B8#1-3) (TS3B8#1,2) (TS4B8#1-3) (TS5B8#1-3)
(TS6B8#1,3,4) (TS1B12#1-3) (TS2B12#1-3) (TS3B12#1,2) (TS4B12#1-3)
(TS5B12#1-3) (TS6B12#1,3,4)