



Golden Triangle Cooperative

Career Vocational and Technical Education Curriculum

Industrial Arts Technology

Drafting Technology: Board and/or CAD

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.Draft.1 The student will demonstrate knowledge of differences in mechanical, architectural, and engineering drafting. (WCS1B8#1,3,4) (WCS2B8#2-5) (WCS3B8#1-4) (WCS4B8#1,2,3) (WCS1B12#1-4) (WCS2B12#1-5) (WCS3B12#1-4) (WCS4B12#1,2,3) (WCS5B12#1-5) (WCS6B12#1-6) (CVTS1B8#1,2,3) (CVTS2B8#2,3,4) (CVTS3B8#1-6) (CVTS4B8#1-4) (CVTS1B12#1,2,3) (CVTS2B12#1-4) (CVTS3B12#1-6) (CVTS5B12#1-4) (TS1B8#1,2,3) (TS2B8#1,2,3) (TS4B8#1,2,3) (TS5B8#1,2,3) (TS6B8#1-4) (TS1B12#1,2,3) (TS2B12#1,2,3) (TS3B12#1,2) (TS4B12#1,2,3) (TS5B12#1,2,3) (TS6B12#1-4)

GTCC.Draft.2 The student will demonstrate proper use of computers, and drafting tools in the production of technical drawings. (WCS1B8#1,3,4) (WCS2B8#2-5) (WCS3B8#1-4) (WCS4B8#1,2,3) (WCS1B12#1-4) (WCS2B12#1-5) (WCS3B12#1-4) (WCS4B12#1,2,3) (WCS5B12#1-5) (WCS6B12#1-6) (CVTS1B8#1,2,3) (CVTS2B8#2,3,4) (CVTS3B8#1-6) (CVTS4B8#1-4) (CVTS1B12#1,2,3) (CVTS2B12#1-4) (CVTS3B12#1-6) (CVTS5B12#1-4) (TS1B8#1,2,3) (TS2B8#1,2,3) (TS4B8#1,2,3) (TS5B8#1,2,3) (TS6B8#1-4) (TS1B12#1,2,3) (TS2B12#1,2,3) (TS3B12#1,2) (TS4B12#1,2,3) (TS5B12#1,2,3) (TS6B12#1-4)

GTCC.Draft.3 The student will show competence in the production of pictorial and orthographic formats. (WCS1B8#1,3,4) (WCS2B8#2-5) (WCS3B8#1-4)

(WCS4B8#1,2,3) (WCS1B12#1-4) (WCS2B12#1-5) (WCS3B12#1-4)
(WCS4B12#1,2,3) (WCS5B12#1-5) (WCS6B12#1-6) (CVTS1B8#1,2,3)
(CVTS2B8#2,3,4) (CVTS3B8#1-6) (CVTS4B8#1-4) (CVTS1B12#1,2,3)
(CVTS2B12#1-4) (CVTS3B12#1-6) (CVTS5B12#1-4)
(TS1B8#1,2,3) (TS2B8#1,2,3) (TS4B8#1,2,3) (TS5B8#1,2,3) (TS6B8#1-4)
(TS1B12#1,2,3) (TS2B12#1,2,3) (TS3B12#1,2) (TS4B12#1,2,3) (TS5B12#1,2,3)
(TS6B12#1-4)

GTCC.Draft.4 The student will demonstrate proper presentation skills; including pre-planning, medium, scale, and dimensions. (WCS1B8#1,3,4) (WCS2B8#2-5)
(WCS3B8#1-4) (WCS4B8#1,2,3) (WCS1B12#1-4) (WCS2B12#1-5) (WCS3B12#1-4)
(WCS4B12#1,2,3) (WCS5B12#1-5) (WCS6B12#1-6) (CVTS1B8#1,2,3)
(CVTS2B8#2,3,4) (CVTS3B8#1-6) (CVTS4B8#1-4) (CVTS1B12#1,2,3)
(CVTS2B12#1-4) (CVTS3B12#1-6)
(CVTS5B12#1-4) (TS1B8#1,2,3) (TS2B8#1,2,3) (TS4B8#1,2,3) (TS5B8#1,2,3)
(TS6B8#1-4) (TS1B12#1,2,3) (TS2B12#1,2,3) (TS3B12#1,2) (TS4B12#1,2,3)
(TS5B12#1,2,3) (TS6B12#1-4)

GTCC.Draft.5 The student will dimension drawings according to various ANSI standards.
(WCS1B8#1,3,4) (WCS2B8#2-5) (WCS3B8#1-4) (WCS4B8#1,2,3) (WCS1B12#1-4)
(WCS2B12#1-5) (WCS3B12#1-4) (WCS4B12#1,2,3) (WCS5B12#1-5) (WCS6B12#1-
6) (CVTS1B8#1,2,3) (CVTS2B8#2,3,4) (CVTS3B8#1-6) (CVTS4B8#1-4)
(CVTS1B12#1,2,3) (CVTS2B12#1-4) (CVTS3B12#1-6) (CVTS5B12#1-4)
(TS1B8#1,2,3) (TS2B8#1,2,3) (TS4B8#1,2,3) (TS5B8#1,2,3) (TS6B8#1-4)
(TS1B12#1,2,3) (TS2B12#1,2,3) (TS3B12#1,2) (TS4B12#1,2,3) (TS5B12#1,2,3)
(TS6B12#1-4)

