

# High School CTE Credit Matrix – 2015-16

WCCC Course	High School Course & Credits – Fall Semester		High School Course & Credits – Spring Semester		Technical Scholars* - College Course & Credit** College course competencies must be met by the student in order to earn college credit. Courses will be offered fall or spring semesters as determined by program instructors.	
					Fall Semester	Spring Semester
<b>Computer Networking Technology Year 1</b>	Computer Networking Technology I Math for IT	1.0 Elective 0.5 Math	Computer Networking Technology I Math for IT	1.0 Elective 0.5 Math	TECI 132 Introduction to PC (3 cr)	TECI 260 IT Hardware & Sys Software (3 cr)
<b>Computer Networking Technology Year 2</b>	Computer Networking	1.5 Elective	Tech Integration II	1.5 Elective	TECI 180 Cisco I (4 cr)	TECI 251 Leadership (2 cr) TECI 290 Certification: A+ (1 cr)
<b>Digital Design Year 1</b>	Digital Design I Computer Applications Digital Design: Fine Arts Digital Design: Lang. Arts	0.75 Elective 0.25 Computer Apps 0.25 Fine Arts 0.25 English Elective	Digital Design I Computer Applications Digital Design: Fine Arts Digital Design: Lang. Arts	0.75 Elective 0.25 Computer Apps 0.25 Fine Arts 0.25 English Elective	MGDA 111 Adobe PhotoShop I (3 cr)	MGDA 152 Digital Animatics (3 cr)
<b>Digital Design Year 2</b>	Digital Design II	1.5 Elective	Digital Design II	1.5 Elective	MGDA 153 3D Animation I (3 cr) <b>AND / OR</b> MGDA 164 Digital Video Editing (3 cr)	MGDA *** (3 cr)
<b>Machining Technology Year 1</b>	Machining I Machining Math	1.0 Elective 0.5 Math	Machining I Machining Math	1.0 Elective 0.5 Math	MAMT 105 Print Reading & Sketching (2 cr)	MAMT 102 Machining Fundamentals (1 cr) MAMT 115 Intro To Machine Shop (3 cr)
<b>Machining Technology Year 2</b>	Machining II	1.5 Elective	Machining II	1.5 Elective	MAMT 120 Machine Technology I (4 cr)	MAMT 125 Machine Technology II (4 cr)
<b>Marketing Education Year 1</b>	Marketing 1 Business Research & Comp Marketing Math	0.5 Elective 0.5 English 3/English Elective 0.5 Math	Marketing I 21st Century Speech & Comm Marketing Math	0.5 Elective 0.5 Comm./ English Elective 0.5 Math	MARK 231 Principles of Marketing (3 cr)	OFAD 120 Internet & Social Networking (3 cr)
<b>Marketing Education Year 2</b>	Marketing II	1.5 Elective	Marketing II	1.5 Elective		

\*Contact the program instructor or Student Services for more information on the Technical Scholars option and how to sign up for college credit.

\*\*Technical Scholars course tuition is \$50 per credit hour and will be paid by the school district.

Student must repay district if course grade is below "C". Registration for Technical Scholars college credit is offered in September and February of each year. NO registrations will be accepted after February 15. The course equivalency matrix details the potential college course credit available those who successfully complete the necessary course competencies.

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					Fall Semester	Spring Semester
<b>Medical Preparation Year 1</b>	Med Prep I Med Prep I: Language Arts Med Prep I: Science	0.5 Elective 0.5 English Elective 0.5 Science Elective	Med Prep I Med Prep I: Language Arts Med Prep I: Science	0.5 Elective 0.5 English Elective 0.5 Science Elective	HSCI 101 Intro to Health Care Professions (3 cr)	EMTS 115 Emergency Medical Responder (3 cr) <b>OR</b> ARGS 296 Topics: Vet Assisting (3 cr.) <b>OR</b> NURA 101 Nurse Aide Healthcare Skills (4 cr) NURA 170 Nurse Aide Clinical Experience (1 cr)
<b>Medical Preparation Year 2</b>	Med Prep II	1.5 Elective	Med Prep II	1.5 Elective		EMTS 115 Emergency Medical Responder (3 cr) <b>OR</b> ARGS 296 Topics: Vet Assisting (3 cr.) <b>OR</b> NURA 101 Nurse Aide Healthcare Skills (4 cr) NURA 170 Nurse Aide Clinical Experience (1 cr)
<b>STEM Discovery (Science, Technology &amp; Mathematics Discovery) Year 1</b>	STEM Discovery Engineering Physics CAD Math	0.5 Elective 0.5 Science Elective 0.5 Math	STEM Discovery Engineering Physics CAD Math	0.5 Elective 0.5 Science Elective 0.5 Math	CADT 108 CAD - Mechanical(3 cr) MAMT 105 – Print Reading & Sketching (2 cr)	PROS 100 Intro to Process Technology (3 cr)
<b>STEM Discovery (Science, Technology &amp; Mathematics Discovery) Year 2</b>	STEM Discovery II	1.5 Elective	STEM Discovery II	1.5 Elective	MAMT *** (3 cr) <b>OR</b> PROS *** (3 cr) <b>OR</b> TECI *** (3 cr) <b>OR</b> CADT *** (3 cr)	MAMT *** (3 cr) <b>OR</b> PROS *** (3 cr) <b>OR</b> TECI *** (3 cr) <b>OR</b> CADT *** (3 cr)
<b>Transportation Services Year 1</b>	Transportation Services I Automotive Science Automotive Math	0.5 Elective 0.5 Physical Science Elective 0.5 Math	Transportation Services I Automotive Science Automotive Math	0.5 Elective 0.5 Physical Science Elective 0.5 Math	Exploratory No college credit	TSTC 100 Intro to Trans. Services (1 cr) TSTC 101 Vehicle Service & Inspection (2 cr) TSTC 110 Engine Fundamentals (1 cr)
<b>Transportation Services Year 2</b>	Transportation Services II	1.5 Elective	Transportation Services II	1.5 Elective	TSTC 170 Chassis Fundamentals (1 cr) TSTC 180 Fuel System Fundamentals (1 cr)	TSTC 171 Brake Fundamentals (2 cr)
<b>Welding Technology Year 1</b>	Welding Technology I Welding Math	1.0 Elective 0.5 Math	Welding Technology I Welding Math	1.0 Elective 0.5 Math	WELD 117 Oxy-Fuel & Plasma Arc Cutting (3 cr)	WELD 230 Gas Tungsten Arc Welding (3 cr)
<b>Welding Technology Year 2</b>	Welding Technology II	1.5 Elective	Welding Technology II	1.5 Elective	MAMT 105 Print Reading & Sketching (2 cr) WELD 110 Shielded Metal Arc Welding (3 cr)	WELD 230 Gas Tungsten Arc Welding (3 cr)