



High School CTE Credit Matrix – 2017-18

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
Computer Networking Technology Year 1	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 IT Hardware and System Software (3 cr)	TECI 142 Internet of Things (3 cr)
Computer Networking Technology Year 2	Computer Networking	1.5 Elective	Tech Integration II	1.5 Elective	TECI 180 Cisco I (4 cr)	TECI 265 Advanced IT Hardware and System Software (3 cr)
Culinary Arts I	Culinary Arts I	1.5 Elective	Culinary Arts	1.5 Elective	CUAR 101 Food Safety & Sanitation (2 cr) CUAR 115 Intro to Sustainable Cuisine (4 cr)	CUAR 125 Intro to Foods (4 cr)
Culinary Arts II	Culinary Arts II	1.5 Elective	Culinary Arts	1.5 Elective	CUAR 129 Center of the Plate (4 cr)	CUAR 145 Intro to Baking (4 cr)
Digital Design Year 1	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 149 Animation Drawing/Design (3 cr) MGDA 152 Digital Animatics (3 cr)	MGDA 153 Beginning 3D Animation (3cr)
Digital Design Year 2	Digital Design II	1.5 Elective	Digital Design II	1.5 Elective	MGDA 164 Digital Video Editing I (3 cr) MGDA 253 3D Animation Character Design (3 cr)	MGDA 165 Digital Compositing (3 cr)
Electrical Technology I	Electrical Technology I	1.5 Elective	Electrical Technology I	1.5 Elective	ELCE 124 Construction Safety (1 cr) PROS 117 Electronics I (3 cr)	ELCE 110 Electrical Installations (4 cr)
Electrical Technology II	Electrical Technology II	1.5 Elective	Electrical Technology II	1.5 Elective	ELCE 144 Grounding and Bonding (1 cr) PROS 117 Electronics I (3 cr)	ELCE 155 A/C Circuits (4 cr)
Machining Technology Year 1	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 115 Intro To Machine Shop (3 cr)	MAMT 102 Machining Fundamentals (1 cr)
Machining Technology Year 2	Machining II	1.5 Elective	Machining II	1.5 Elective	MAMT 120 Machine Technology I (4 cr)	MAMT 125 Machine Technology II (4 cr)

*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.

WCCC Course	High School Course & Credits – Fall Semester		High School Course & Credits – Spring Semester		Technical Scholars* - College Course & Credit**	
					Fall Semester	Spring Semester
Marketing Education Year 1 & 2 2017-18 School Year	Marketing 1 Business Research & Comp Marketing Math	0.5 Elective 0.5 English 3/English Elective 0.5 Math	Marketing I 21st Century Speech & Communication Marketing Math	0.5 Elective 0.5 Comm./ English Elective 0.5 Math	ABUS 128 Work Place Behavior (3 cr)	MARK 231 Principles of Marketing (3 cr)
Marketing Education Year 1 & 2 2018-19 School Year	Marketing II	1.5 Elective	Marketing II	1.5 Elective	BUGB 101 Intro to Business (3 cr)	ABUS 160 Intro to Customer Service (3 cr)
Medical Preparation Year 1	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) OR ARGS 296 Topics: Vet Assisting (3 cr.) OR NURA 101 Nurse Aide Healthcare Skills (4 cr) NURA 170 Nurse Aide Clinical Experience (1 cr))
Medical Preparation Year 2	Med Prep II	1.5 Elective	Med Prep II	1.5 Elective		EMTS 115 Emergency Medical Responder (3 cr) OR ARGS 296 Topics: Vet Assisting (3 cr.) OR NURA 101 Nurse Aide Healthcare Skills (4 cr) NURA 170 Nurse Aide Clinical Experience (1 cr))
STEM Discovery Year 1	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) CADT 296 Topics: 3D Printing (3 cr)	CADT 109 CAD-Mechanical Advanced (3)
STEM Discovery Year 2	STEM Discovery II	1.5 Elective	STEM Discovery II	1.5 Elective	CADT 140 CAD – Architectural Theory (2) CADT 141 Structural Materials (3)	CADT 142 CAD – Residential Architecture (3) OR CADT 196 Topics (3 credits)
Transportation Services Year 1	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	TSTC 100 Intro to Transportation Services (2 cr) TSTC 101 Vehicle Service and Inspection (3 cr)	TSTC 130 Electrical 1 (2 cr) TSTG 135 Starting and Charging Systems (2 cr)
Transportation Services Year 2	Transportation Services II	1.5 Elective	Transportation Services II	1.5 Elective	TSTC 160 Electrical II (2 cr) TSTC 171 Brakes I (2 cr)	TSTG 175 Brakes II (2 cr) TSTC 170 Chassis Fundamentals (2 cr)
Welding Technology Year 1	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 and Plasma Arc Cutting (2 cr)	WELD 230 Gas Tungsten Arc Welding (4 cr)
Welding Technology Year 2	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 (4 cr)	WELD 230 Gas Tungsten Arc Welding (4 cr)

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