

Assignment Codes updated as of June 03, 2025. Minimal additional updates may still be made. The document name will be updated with most recent edit date.

While the below assignment codes do not include non-traditional licensing listings, schools may access information on non-traditional deliver methods using the provided guidance. [Access guidance here.](#)

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
	5239	Career & Technical Education Pilot Course: (Insert title descriptive of course content)	CTE	CTE PILOT	<ul style="list-style-type: none"> Licensing per NonStandard Course Wavier 	<ul style="list-style-type: none"> Licensing per Non-Standard Course Wavier 	<ul style="list-style-type: none"> Licensing per Non-Standard Course Wavier 	<ul style="list-style-type: none"> Licensing per Non-Standard Course Wavier
	7392	Career & Technical Education Principles Course: (Insert title descriptive of course content)	CTE	CTE PRIN	<ul style="list-style-type: none"> Licensing per NonStandard Course Wavier 	<ul style="list-style-type: none"> Licensing per Non-Standard Course Wavier 	<ul style="list-style-type: none"> Licensing per Non-Standard Course Wavier 	<ul style="list-style-type: none"> Licensing per Non-Standard Course Wavier
	7393	Career & Technical Education Concentrator A Course: (Insert title descriptive of course content)	CTE	CTE CONC A	<ul style="list-style-type: none"> Licensing per NonStandard Course Wavier 	<ul style="list-style-type: none"> Licensing per Non-Standard Course Wavier 	<ul style="list-style-type: none"> Licensing per Non-Standard Course Wavier 	<ul style="list-style-type: none"> Licensing per Non-Standard Course Wavier
	7394	Career & Technical Education Concentrator B Course: (Insert title descriptive of course content)	CTE	CTE CONC B	<ul style="list-style-type: none"> Licensing per NonStandard Course Wavier 	<ul style="list-style-type: none"> Licensing per Non-Standard Course Wavier 	<ul style="list-style-type: none"> Licensing per Non-Standard Course Wavier 	<ul style="list-style-type: none"> Licensing per Non-Standard Course Wavier
	7395	Career & Technical Education Capstone Course: (Insert title descriptive of course content)	CTE	CTE CAP	<ul style="list-style-type: none"> Licensing per NonStandard Course Wavier 	<ul style="list-style-type: none"> Licensing per Non-Standard Course Wavier 	<ul style="list-style-type: none"> Licensing per Non-Standard Course Wavier 	<ul style="list-style-type: none"> Licensing per Non-Standard Course Wavier
	5237	CTSO Leadership Development in Action	CTE	LEAD DEV	<ul style="list-style-type: none"> Appropriate Vocational License AND local CTSO chapter advisor Occupational Specialist II license in related area 	<ul style="list-style-type: none"> Appropriate Vocational License AND local CTSO chapter advisor Occupational Specialist II license in related area 	<ul style="list-style-type: none"> Appropriate CTE License with high school setting AND local CTSO chapter advisor Workplace Specialist II license in related area 	<ul style="list-style-type: none"> Appropriate CTE License 5-12 AND local CTSO chapter advisor Workplace Specialist II license in related area
	7156	Technical Skills Development	CTE	TECH SKL DEV	<ul style="list-style-type: none"> Trade & Industrial Cooperative Teacher Coordinator Distributive Education K-12 Vocational Agriculture K-12 Vocational Business & Office Education Vocational Home Economics 	<ul style="list-style-type: none"> ICE Endorsement Any Agribusiness license 9- 12 Business Education with Vocational Business Endorsement 9-12 Any Standard Health Occupations license 9-12 Any Standard Trade & Industrial license 9-12 Marketing Education 9-12 Distributive Education K-12 Occupational Education (FACS) 9-12 Occupational Specialist I, II or III in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Any CTE license with high school setting Workplace Specialist I or II in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Any CTE License 5-12 Workplace Specialist I or II in related course approved for a CTE pathway
	5394	Preparing for College and Careers	CTE Foundational	PREP CC	<ul style="list-style-type: none"> Any grades five through 12 secondary educators who hold valid Indiana licensure (i.e., instructional, administrator, counselor) or Workplace Specialist license 	<ul style="list-style-type: none"> Any grades five through 12 secondary educators who hold valid Indiana licensure (i.e., instructional, administrator, counselor) or Workplace Specialist license 	<ul style="list-style-type: none"> Any grades five through 12 secondary educators who hold valid Indiana licensure (i.e., instructional, administrator, counselor) or Workplace Specialist license 	<ul style="list-style-type: none"> Any grades five through 12 secondary educators who hold valid Indiana licensure (i.e., instructional, administrator, counselor) or Workplace Specialist license
	4508	Technical/Business Communication	CTE Foundational	TECH BUS COMM	<ul style="list-style-type: none"> Business Education with Shorthand 7-12 English 7-12 	<ul style="list-style-type: none"> Business Education 9-12 English 9-12 	<ul style="list-style-type: none"> Business with high school setting CTE: Business Services & Technology with high school setting Language Arts with high school setting 	<ul style="list-style-type: none"> Business 5-12 CTE: Business Services & Technology 5-12 CTE: Business & Information Technology 5-12 Language Arts 5-12
	7218	Technical Math	CTE Foundational	TECH MATH	<ul style="list-style-type: none"> Business Education with Shorthand 7-12 Mathematics 7-12 	<ul style="list-style-type: none"> Business Education 9-12 Mathematics 7-12 	<ul style="list-style-type: none"> Business with high school setting CTE: Business Services & Technology with high school setting Mathematics 7-12 	<ul style="list-style-type: none"> Business 5-12 CTE: Business Services & Technology 5-12 CTE: Business & Information Technology 5-12 Mathematics 5-12
	5366	Human Development and Wellness	CTE Foundational	HUMAN DEV	<ul style="list-style-type: none"> Any Home Economics K-12 Health K-12 	<ul style="list-style-type: none"> Consumer Homemaking Education 9-12 Occupational Education (FACS) 9-12 Health 9-12 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences with high school setting Health with high school setting 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences 5-12 Health 5-12
	5364	Interpersonal Relationships	CTE Foundational	INTRP RLТ	<ul style="list-style-type: none"> Any Home Economics K-12 Any Vocational License 	<ul style="list-style-type: none"> Consumer Homemaking Education 9-12 Occupational Education (FACS) 9-12 Any Occupational license 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences with high school setting Any CTE License 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences 5-12 Any CTE License
	5362	Child Development	CTE Foundational	CHLD DEV	<ul style="list-style-type: none"> Any Home Economics K-12 Nursery School Psychology 7-12 A teacher with an Elementary, Kindergarten- Primary, Early Childhood or Psychology license with 5 years teaching experience 	<ul style="list-style-type: none"> Consumer Homemaking Education 9-12 Occupational Education (FACS) 9-12 Occupational Specialist: Child Development 9-12 A teacher with an Elementary, Kindergarten-Primary, Early Childhood or Psychology license with 5 years teaching experience 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences with high school setting Early Childhood Education Psychology 5-12 Workplace Specialist: Early Childhood Education & Services 9-12 Workplace Specialist: Health Sciences – Special Topics 9-12 A teacher with an Elementary, Kindergarten-Primary, Early Childhood or Psychology license with 5 years teaching experience 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences 5-12 Early Childhood Education P-3 Psychology 5-12 Workplace Specialist: Early Childhood Education & Services 9-12 Workplace Specialist: Health Sciences – Special Topics 9-12 A teacher with an Elementary, Kindergarten-Primary, Early Childhood or Psychology license with 5 years teaching experience

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	5360	Advanced Child Development	CTE Foundational	ADVCHLDEV	<ul style="list-style-type: none"> Any Home Economics K-12 A teacher with an Elementary, Kindergarten- Primary, Early Childhood or Psychology license with 5 years teaching experience 	<ul style="list-style-type: none"> Consumer Homemaking Education 9-12 Occupational Education (FACS) 9-12 A teacher with an Elementary, Kindergarten-Primary, Early Childhood or Psychology license with 5 years teaching experience 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences with high school setting Workplace Specialist: Early Childhood Education & Services with work experience as lead teacher in a preschool setting A teacher with an Elementary, Kindergarten-Primary, Early Childhood or Psychology license with 5 years teaching experience 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences 5-12 Workplace Specialist: Early Childhood Education & Services with work experience as lead teacher in a preschool setting A teacher with an Elementary, Kindergarten-Primary, Early Childhood or Psychology license with 5 years teaching experience
	5342	Nutrition and Wellness	CTE Foundational	NTRN WLNS	<ul style="list-style-type: none"> Any Home Economics K-12 Health K-12 Physical Education And Health 7-12 	<ul style="list-style-type: none"> Consumer Homemaking Education 9-12 Occupational Education (FACS) 9-12 Health 9-12 Occupational Specialist Health Careers 9-12 Health Occupations 9-12 A related Occupational Specialist with specific training/experience in nutrition and wellness 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences with high school setting Health with high school setting CTE: Health Occupations with high school setting Workplace Specialist: Anatomy & Physiology with high school setting Workplace Specialist: Health Science – Special Topics with high school setting Workplace Specialist: Nursing with high school setting A related Workplace Specialist with specific training/experience in nutrition and wellness 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences 5-12 Health 5-12 CTE: Health Occupations 5-12 Workplace Specialist: Anatomy & Physiology 9-12 Workplace Specialist: Health Science – Special Topics 9-12 Workplace Specialist: Nursing 9-12 A related Workplace Specialist with specific training/experience in nutrition and wellness
	5340	Advanced Nutrition and Wellness	CTE Foundational	ADV NTRN WEL	<ul style="list-style-type: none"> Any Home Economics K-12 	<ul style="list-style-type: none"> Consumer Homemaking Education 9-12 Occupational Education (FACS) 9-12 A related Occupational Specialist with specific training/experience in nutrition and wellness 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences with high school setting A related Workplace Specialist with specific training/experience in nutrition and wellness 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences 5-12 A related Workplace Specialist with specific training/experience in nutrition and wellness
	5334	Consumer Economics	CTE Foundational	CONS ECON	<ul style="list-style-type: none"> Any Home Economics K-12 Economics 7-12 Business 7-12 Vocational Business 7- 12 	<ul style="list-style-type: none"> Consumer Homemaking Education 9-12 Occupational Education (FACS) 9-12 Economics 7-12 Business 7-12 Business Education with vocational education 7-12 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences with high school setting Economics with high school setting Workplace Specialist: Business Management & Finance with high school setting Business with high school setting CTE: Business Services & Technology with high school setting 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences 5-12 Economics 5-12 Workplace Specialist: Business Law 9-12 Business 5-12 CTE: Business Services & Technology 5- 12 CTE: Business & Information Technology 5-12
	5330	Adult Roles and Responsibilities	CTE Foundational	ADULTROLES	<ul style="list-style-type: none"> Any Home Economics K12 Any Vocational License 	<ul style="list-style-type: none"> Consumer Homemaking Education 9-12 Occupational Education (FACS) 9-12 Any Vocational or Occupational license 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences with high school setting Any CTE License 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences 5-12 Any CTE license
	4565	Computing Foundations for a Digital Age	CTE Foundational	COMP FOUND	<ul style="list-style-type: none"> Any 5-12 secondary educator with a valid Indiana licensure (i.e., instructional, administrator, counselor) and computer science/information technology (IT)/business professional development, training, or work experience Adjunct teacher holding a locally-issued adjunct teacher permit for teaching at the secondary level with work experience or training in computer science/information technology (IT)/business 	<ul style="list-style-type: none"> Any 5-12 secondary educator with a valid Indiana licensure (i.e., instructional, administrator, counselor) and computer science/information technology (IT)/business professional development, training, or work experience Adjunct teacher holding a locally-issued adjunct teacher permit for teaching at the secondary level with work experience or training in computer science/information technology (IT)/business 	<ul style="list-style-type: none"> Any 5-12 secondary educator with a valid Indiana licensure (i.e., instructional, administrator, counselor) and computer science/information technology (IT)/business professional development, training, or work experience Adjunct teacher holding a locally-issued adjunct teacher permit for teaching at the secondary level with work experience or training in computer science/information technology (IT)/business 	<ul style="list-style-type: none"> Any 5-12 secondary educator with a valid Indiana licensure (i.e., instructional, administrator, counselor) and computer science/information technology (IT)/business professional development, training, or work experience Adjunct teacher holding a locally-issued adjunct teacher permit for teaching at the secondary level with work experience or training in computer science/information technology (IT)/business
	4540	Personal Financial Responsibility	CTE Foundational	PRSFINRSP	<ul style="list-style-type: none"> 5-12 licensed teacher, counselor, or administrator with financial, math, or business professional development, training, or work experience Adjunct teacher holding a locally-issued adjunct teacher permit for teaching at the secondary level may also instruct this course if they have work experience or training in finance/math/business 	<ul style="list-style-type: none"> 5-12 licensed teacher, counselor, or administrator with financial, math, or business professional development, training, or work experience Adjunct teacher holding a locally-issued adjunct teacher permit for teaching at the secondary level may also instruct this course if they have work experience or training in finance/math/business 	<ul style="list-style-type: none"> 5-12 licensed teacher, counselor, or administrator with financial, math, or business professional development, training, or work experience Adjunct teacher holding a locally-issued adjunct teacher permit for teaching at the secondary level may also instruct this course if they have work experience or training in finance/math/business 	<ul style="list-style-type: none"> 5-12 licensed teacher, counselor, or administrator with financial, math, or business professional development, training, or work experience Adjunct teacher holding a locally-issued adjunct teacher permit for teaching at the secondary level may also instruct this course if they have work experience or training in finance/math/business
	5974	Work Based Learning Capstone	CTE WBL	WBL	<ul style="list-style-type: none"> Any licensed school counselor Trade & Industrial Cooperative Teacher Coordinator Vocational Business & Office Education 	<ul style="list-style-type: none"> Any licensed school counselor Occupational Specialist I, II or III in related course approved for a CTE pathway ICE Endorsement Business Education with Vocational Business Endorsement 9-12 	<ul style="list-style-type: none"> Any licensed school counselor Any CTE license Workplace Specialist: Workplace Specialist I or II in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Any licensed school counselor Any CTE license Workplace Specialist: Workplace Specialist I or II in related course approved for a CTE pathway

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	0530	Career Exploration Internship	CTE WBL	CARR EXP	<ul style="list-style-type: none"> Trade & Industrial Cooperative Teacher Coordinator Distributive Education K-12 Vocational Agriculture K-12 Vocational Business & Office Education Vocational Home Economics Any License 5-12 with Work-based Learning experience or training Workplace Specialist I or II in related course approved for a CTE pathway Any licensed school counselor 	<ul style="list-style-type: none"> ICE Endorsement Any Agribusiness license 9- 12 Business Education with Vocational Business Endorsement 9-12 Any Standard Health Occupations license 9-12 Any Standard Trade & Industrial license 9-12 Marketing Education 9-12 Distributive Education K-12 Occupational Education (FACS) 9-12 Occupational Specialist I, II or III in related course approved for a CTE pathway Any License 5-12 with Work-based Learning experience or training Workplace Specialist I or II in related course approved for a CTE pathway Any licensed school counselor 	<ul style="list-style-type: none"> Any license with high school setting and Work-based Learning experience or training Workplace Specialist I or II in related course approved for a CTE pathway Any licensed school counselor 	<ul style="list-style-type: none"> Any License 5-12 with Work-based Learning experience or training Workplace Specialist I or II in related course approved for a CTE pathway Any licensed school counselor
	6162	Cooperative Education	CTE WBL	COOP EDU	<ul style="list-style-type: none"> Any licensed school counselor Trade & Industrial Cooperative Teacher Coordinator Vocational Business & Office Education 	<ul style="list-style-type: none"> Any licensed school counselor Occupational Specialist I, II or III in related course approved for a CTE pathway Business Education with Vocational Business Endorsement 9-12 	<ul style="list-style-type: none"> Any licensed school counselor Any CTE or Workplace Specialist I or II in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Any licensed school counselor Any CTE or Workplace Specialist I or II in related course approved for a CTE pathway
	6149	Youth Apprenticeship	CTE WBL	YOU APPSHIP	<ul style="list-style-type: none"> Trade & Industrial Cooperative Teacher Coordinator Distributive Education K-12 Vocational Agriculture K-12 Vocational Business & Office Education Vocational Home Economics 	<ul style="list-style-type: none"> ICE Endorsement Any Agribusiness license 9- 12 Business Education with Vocational Business Endorsement 9-12 Any Standard Health Occupations license 9-12 Any Standard Trade & Industrial license 9-12 Marketing Education 9-12 Distributive Education K-12 Occupational Education (FACS) 9-12 Occupational Specialist I, II or III in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Any CTE license with high school setting Workplace Specialist I or II in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Any CTE License 5-12 Workplace Specialist I or II in related course approved for a CTE pathway
	6148	Apprenticeship	CTE WBL	APPSHIP	<ul style="list-style-type: none"> Trade & Industrial Cooperative Teacher Coordinator Distributive Education K-12 Vocational Agriculture K-12 Vocational Business & Office Education Vocational Home Economics 	<ul style="list-style-type: none"> ICE Endorsement Any Agribusiness license 9- 12 Business Education with Vocational Business Endorsement 9-12 Any Standard Health Occupations license 9-12 Any Standard Trade & Industrial license 9-12 Marketing Education 9-12 Distributive Education K-12 Occupational Education (FACS) 9-12 Occupational Specialist I, II or III in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Any CTE license with high school setting Workplace Specialist I or II in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Any CTE License 5-12 Workplace Specialist I or II in related course approved for a CTE pathway
	6146	Advanced Career & Technical Education, College Credit: Advanced Manufacturing	Advanced Manufacturing	ADV CTE CC AATC	<ul style="list-style-type: none"> Standard Trade & Industrial: Manufacturing K-12 Industrial Arts K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Engineering or Manufacturing 9-12 Industrial Technology K-12 Industrial Education K-12 Occupational Specialist I, II or III: Manufacturing 9-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Engineering or Manufacturing Workplace Specialist: Engineering or Manufacturing Technology Education with high school setting 	<ul style="list-style-type: none"> CTE: Trade & Industrial Engineering or Manufacturing 5-12 Workplace Specialist: Advanced Manufacturing 9-12 Technology Education 5-12
	4880	Advanced Manufacturing: Special Topics	Advanced Manufacturing	ADV MFTG ST	<ul style="list-style-type: none"> Standard Trade & Industrial: Manufacturing K-12 Industrial Arts K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Engineering or Manufacturing 9-12 Industrial Technology K-12 Industrial Education K-12 Occupational Specialist I, II or III: Manufacturing 9-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Engineering or Manufacturing Workplace Specialist: Engineering or Manufacturing Technology Education with high school setting 	<ul style="list-style-type: none"> CTE: Trade & Industrial Engineering or Manufacturing 5-12 Workplace Specialist: Advanced Manufacturing 9-12 Technology Education 5-12
	4796	Introduction to Advanced Manufacturing	Advanced Manufacturing	INT ADV MFTG	<ul style="list-style-type: none"> Industrial Arts 7-12, K12 	<ul style="list-style-type: none"> Industrial Technology K-12 Industrial Education K-12 Occupational Specialist I, II or III in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education with high school setting Workplace Specialist I or II in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education 5-12 Workplace Specialist I or II in related course approved for a CTE pathway
Industry 4.0 - Smart Manufacturing	7220	Principles of Industry 4.0 and Digital Manufacturing	Advanced Manufacturing	PRIN DIG MANF	<ul style="list-style-type: none"> Industrial Arts 7-12, K-12 Standard Trade & Industrial: Manufacturing K-12 	<ul style="list-style-type: none"> Industrial Technology K-12 Industrial Education K-12 Occupational Specialist I, II, or III: Engineering Standard Trade & Industrial: Engineering or Manufacturing 9-12 Occupational Specialist I, II or III: Manufacturing 9-12 	<ul style="list-style-type: none"> Technology Education with high school setting CTE: Trade & Industrial: Engineering or Manufacturing Workplace Specialist: Engineering or Manufacturing 9-12 	<ul style="list-style-type: none"> Technology Education 5-12 Workplace Specialist: Engineering 9-12 Workplace Specialist: Industrial Automation & Robotics CTE: Trade & Industrial Engineering or Manufacturing 5-12 Workplace Specialist: Advanced Manufacturing 9-12

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
Industrial Maintenance - Automation / Robotics	7224	Industrial Automation and Robotics Capstone	Advanced Manufacturing	AUTO ROB CAP	<ul style="list-style-type: none"> Standard Trade & Industrial: Manufacturing K-12 Standard Trade & Industrial: Industrial Repair & Maintenance K-12 Industrial ArtsK-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Engineering or Manufacturing 9-12 Standard Trade & Industrial: Industrial Repair & Maintenance 9-12 Industrial Technology K-12 Industrial Education K-12 Occupational Specialist I, II or III: Manufacturing 9-12 Occupational Specialist I, II or III: Industrial Automation 9-12 Occupational Specialist I, II or III: Industrial Repair & Maintenance 9-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Engineering or Manufacturing CTE: Trade & Industrial: Industrial Repair & Maintenance Workplace Specialist: Engineering or Manufacturing Technology Education with high school setting Workplace Specialist: Industrial Automation & Robotics Workplace Specialist: Industrial Repair & Maintenance 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Engineering or Manufacturing 5-12 CTE: Trade & Industrial: Industrial Automation & Robotics 5-12 CTE: Trade & Industrial: Industrial Repair & Maintenance 5-12 Technology Education 5-12 Workplace Specialist: Advanced Manufacturing 9-12 Workplace Specialist: Industrial Automation & Robotics 9-12 Workplace Specialist: Industrial Repair & Maintenance 9-12
Industrial Maintenance - Electrical	7102	Industrial Electrical Fundamentals	Advanced Manufacturing	IND ELC FUN	<ul style="list-style-type: none"> Standard Trade & Industrial: Manufacturing K-12 Standard Trade & Industrial: Industrial Repair & Maintenance K-12 Industrial Arts K-12 Standard Trade & Industrial: Building Trades K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Engineering or Manufacturing 9-12 Standard Trade & Industrial: Industrial Repair & Maintenance 9-12 Industrial Technology K-12 Industrial Education K-12 Standard Trade & Industrial: Building Trades 9-12 Occupational Specialist I, II or III: Building Trades 9-12 Occupational Specialist I, II or III: Manufacturing 9-12 Occupational Specialist I, II or III: Industrial Repair & Maintenance 9-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Engineering or Manufacturing CTE: Trade & Industrial: Industrial Repair & Maintenance CTE: Trade & Industrial: Building Trades Technology Workplace Specialist: Industrial Repair & Maintenance Workplace Specialist: Engineering or Manufacturing Workplace Specialist: Industrial Technology or Industrial Electronics Technology Education with high school setting 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Engineering or Manufacturing 5-12 CTE: Trade & Industrial: Industrial Repair & Maintenance 5-12 CTE: Trade & Industry: Electrician 5-12 Technology Education 5-12 Workplace Specialist: Industrial Repair & Maintenance 9-12 Workplace Specialist: Electrical 9-12
Industrial Maintenance - Electrical	7260	Industrial Electrical Capstone	Advanced Manufacturing	IND ELEC CAP	<ul style="list-style-type: none"> Standard Trade & Industrial: Manufacturing K-12 Standard Trade & Industrial: Industrial Repair & Maintenance K-12 Industrial Arts K-12 Standard Trade & Industrial: Building Trades K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Engineering or Manufacturing 9-12 Standard Trade & Industrial: Industrial Repair & Maintenance 9-12 Industrial Technology K-12 Industrial Education K-12 Standard Trade & Industrial: Building Trades 9-12 Occupational Specialist I, II or III: Building Trades 9-12 Occupational Specialist I, II or III: Manufacturing 9-12 Occupational Specialist I, II or III: Industrial Repair & Maintenance 9-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Engineering or Manufacturing CTE: Trade & Industrial: Industrial Repair & Maintenance CTE: Trade & Industrial: Building Trades Technology Workplace Specialist: Industrial Repair & Maintenance Workplace Specialist: Engineering or Manufacturing Workplace Specialist: Industrial Technology or Industrial Electronics Technology Education with high school setting 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Engineering or Manufacturing 5-12 CTE: Trade & Industrial: Industrial Repair & Maintenance 5-12 CTE: Trade & Industry: Electrician 5-12 Technology Education 5-12 Workplace Specialist: Industrial Repair & Maintenance 9-12 Workplace Specialist: Electrical 9-12
Industrial Maintenance - Mechanical	7104	Industrial Maintenance Fundamentals	Advanced Manufacturing	IND MAIN FUN	<ul style="list-style-type: none"> Standard Trade & Industrial: Industrial Repair & Maintenance K-12 Industrial Arts K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Industrial Repair & Maintenance 9-12 Occupational Specialist I, II or III: Industrial Repair & Maintenance 9-12 Industrial Technology 9-12 Industrial Education K-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Industrial Repair & Maintenance Workplace Specialist: Industrial Repair & Maintenance Technology Education 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Industrial Repair & Maintenance 5-12 Workplace Specialist: Industrial Repair & Maintenance 9-12 Technology Education 5-12
Industrial Maintenance - Mechanical	7261	Industrial Maintenance Capstone	Advanced Manufacturing	IND MAINT CAP	<ul style="list-style-type: none"> Standard Trade & Industrial: Industrial Repair & Maintenance K-12 Industrial Arts K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Industrial Repair & Maintenance 9-12 Occupational Specialist I, II or III: Industrial Repair & Maintenance 9-12 Industrial Technology 9-12 Industrial Education K-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Industrial Repair & Maintenance Workplace Specialist: Industrial Repair & Maintenance Technology Education 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Industrial Repair & Maintenance 5-12 Workplace Specialist: Industrial Repair & Maintenance 9-12 Technology Education 5-12
Precision Machining	7109	Principles of Precision Machining	Advanced Manufacturing	PRIN PREC MACH	<ul style="list-style-type: none"> Standard Trade & Industrial: Machine Shop K-12 Industrial Arts 7-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Machine Shop 9-12 Occupational Specialist I, II or III: Machine Shop 9-12 Industrial Education K-12 Industrial Technology K-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Precision Machine Technology Workplace Specialist: Precision Machine Technology Technology Education with high school setting 	<ul style="list-style-type: none"> CTE: Trade & Industrial Precision Machine Technology 5-12 Workplace Specialist: Precision Machining 9-12 Technology Education 5-12
Precision Machining	7105	Precision Machining Fundamentals	Advanced Manufacturing	MACH FUN	<ul style="list-style-type: none"> Standard Trade & Industrial: Machine Shop K-12 Industrial Arts 7-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Machine Shop 9-12 Occupational Specialist I, II or III: Machine Shop 9-12 Industrial Education K-12 Industrial Technology K-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Precision Machine Technology Workplace Specialist: Precision Machine Technology Technology Education with high school setting 	<ul style="list-style-type: none"> CTE: Trade & Industrial Precision Machine Technology 5-12 Workplace Specialist: Precision Machining 9-12 Technology Education 5-12

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
Precision Machining	7107	Advanced Precision Machining	Advanced Manufacturing	PREC MACH	<ul style="list-style-type: none"> Standard Trade & Industrial: Machine Shop K-12 Occupational Specialist I, II or III: Machine Shop 9-12 Industrial Arts 7-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Machine Shop 9-12 Occupational Specialist I, II or III: Machine Shop 9-12 Industrial Education K-12 Industrial Technology K-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Precision Machine Technology Workplace Specialist: Precision Machine Technology Technology Education with high school setting 	<ul style="list-style-type: none"> CTE: Trade & Industrial Precision Machine Technology 5-12 Workplace Specialist: Precision Machining 9-12 Technology Education 5-12
Precision Machining	7219	Precision Machining Capstone	Advanced Manufacturing	PREC MACH CAP	<ul style="list-style-type: none"> Standard Trade & Industrial: Machine Shop K-12 Industrial Arts 7-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Machine Shop 9-12 Occupational Specialist I, II or III: Machine Shop 9-12 Industrial Education K-12 Industrial Technology K-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Precision Machine Technology Workplace Specialist: Precision Machine Technology Technology Education with high school setting 	<ul style="list-style-type: none"> CTE: Trade & Industrial Precision Machine Technology 5-12 Workplace Specialist: Precision Machining 9-12 Technology Education 5-12
Welding Technology	7110	Principles of Welding Technology	Advanced Manufacturing	PRIN WEL TCH	<ul style="list-style-type: none"> Standard Trade & Industrial: Welding & Cutting K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Welding & Cutting 9-12 Occupational Specialist I, II or III: Welding & Cutting 9-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Welding Technology Workplace Specialist: Welding Technology 	<ul style="list-style-type: none"> CTE: Trade & Industrial Welding 5-12 Workplace Specialist: Welding 9-12
Welding Technology	7111	Shielded Metal Arc Welding	Advanced Manufacturing	SHLD MAW	<ul style="list-style-type: none"> Standard Trade & Industrial: Welding & Cutting K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Welding & Cutting 9-12 Occupational Specialist I, II or III: Welding & Cutting 9-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Welding Technology Workplace Specialist: Welding Technology 	<ul style="list-style-type: none"> CTE: Trade & Industrial Welding 5-12 Workplace Specialist: Welding 9-12
Welding Technology	7101	Gas Welding Processes	Advanced Manufacturing	GAS WEL PRC	<ul style="list-style-type: none"> Standard Trade & Industrial: Welding & Cutting K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Welding & Cutting 9-12 Occupational Specialist I, II or III: Welding & Cutting 9-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Welding Technology Workplace Specialist: Welding Technology 	<ul style="list-style-type: none"> CTE: Trade & Industrial Welding 5-12 Workplace Specialist: Welding 9-12
Welding Technology	7226	Welding Technology Capstone	Advanced Manufacturing	WELD TECH CAP	<ul style="list-style-type: none"> Standard Trade & Industrial: Welding & Cutting K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Welding & Cutting 9-12 Occupational Specialist I, II or III: Welding & Cutting 9-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Welding Technology Workplace Specialist: Welding Technology 	<ul style="list-style-type: none"> CTE: Trade & Industrial Welding 5-12 Workplace Specialist: Welding 9-12
	6150	Agriculture: Special Topics	Agriculture	AG ST	<ul style="list-style-type: none"> Vocational Agriculture K-12 Occupational Specialist in related course approved for an Agriculture pathway 	<ul style="list-style-type: none"> Any Standard Agriculture license Occupational Specialist in related course approved for an Agriculture pathway 	<ul style="list-style-type: none"> CTE: Agriculture with high school setting Workplace Specialist in related course approved for an Agriculture pathway 	<ul style="list-style-type: none"> CTE: Agriculture 5-12 Workplace Specialist in related course approved for an Agriculture pathway
	6130	Advanced Career & Technical Education, College Credit: Agriculture	Agriculture	ADV CTE CC AG	<ul style="list-style-type: none"> Vocational Agriculture K-12 Occupational Specialist in related course approved for an Agriculture pathway 	<ul style="list-style-type: none"> Any Standard Agriculture license Occupational Specialist in related course approved for an Agriculture pathway 	<ul style="list-style-type: none"> CTE: Agriculture with high school setting Workplace Specialist in related course approved for an Agriculture pathway 	<ul style="list-style-type: none"> CTE: Agriculture 5-12 Workplace Specialist in related course approved for an Agriculture pathway
	5056	Introduction to Agriculture, Food, and Natural Resources	Agriculture	INT AGFNR	<ul style="list-style-type: none"> Vocational Agriculture K-12 	<ul style="list-style-type: none"> Any Agribusiness License 9-12 Any Standard Agriculture license Occupational Specialist I, II, or III in related course approved for a CTE pathway with a balance of all Agriculture relatable subject matter 	<ul style="list-style-type: none"> CTE: Agriculture with high school setting Workplace Specialist I or II in related course approved for a CTE pathway with a balance of all Agriculture relatable subject matter 	<ul style="list-style-type: none"> CTE: Agriculture 9-12 Workplace Specialist I or II in related course approved for a CTE pathway with a balance of all Agriculture relatable subject matter
	5228	Supervised Agricultural Experience (SAE)	Agriculture	SAE	<ul style="list-style-type: none"> Vocational Agriculture K-12 Occupational Specialist in related course approved for an Agriculture pathway 	<ul style="list-style-type: none"> Any Standard Agriculture license Occupational Specialist in related course approved for an Agriculture pathway 	<ul style="list-style-type: none"> CTE: Agriculture with high school setting Workplace Specialist in related course approved for an Agriculture pathway 	<ul style="list-style-type: none"> CTE: Agriculture 5-12 Workplace Specialist in related course approved for an Agriculture pathway
Agriscience; Ag	7262	Agricultural Research Capstone	Agriculture	AG RES CAP	<ul style="list-style-type: none"> Vocational Agriculture K-12 Science/Biology 9-12 	<ul style="list-style-type: none"> Vocational Agriculture K-12 Any Standard Agriculture license Biology 9-12 	<ul style="list-style-type: none"> CTE: Agriculture with high school setting Life Science with high school setting 	<ul style="list-style-type: none"> CTE: Agriculture 5-12 Life Science 5-12
Agriculture	7238	Agribusiness Capstone	Agriculture	AG BUS CAP	<ul style="list-style-type: none"> Vocational Agriculture K-12 	<ul style="list-style-type: none"> Any Agribusiness License 9-12 Any Standard Agriculture license Any Occupational Specialist I, II, or III in Agriculture 9-12 	<ul style="list-style-type: none"> CTE: Agriculture with high school setting Workplace Specialist: Agriculture Education in Agribusiness Management 	<ul style="list-style-type: none"> CTE: Agriculture 5-12 Workplace Specialist: Agribusiness 9-12
Agriculture	7117	Principles of Agriculture	Agriculture	PRIN AG	<ul style="list-style-type: none"> Vocational Agriculture K-12 	<ul style="list-style-type: none"> Any Agribusiness License 9-12 Any Standard Agriculture license Occupational Specialist I, II, or III in related course approved for a CTE pathway with a balance of all Agriculture relatable subject matter 	<ul style="list-style-type: none"> CTE: Agriculture with high school setting Workplace Specialist: Agriculture Education in Agribusiness Management Workplace Specialist I or II in related course approved for a CTE pathway with a balance of all Agriculture relatable subject matter 	<ul style="list-style-type: none"> CTE: Agriculture 9-12 Workplace Specialist: Agribusiness 9-12 Workplace Specialist I or II in related course approved for a CTE pathway with a balance of all Agriculture relatable subject matter
Ag Mechanical and Engineering	5088	Agriculture Power, Structure, and Technology	Agriculture	AG POW	<ul style="list-style-type: none"> Vocational Agriculture K-12 	<ul style="list-style-type: none"> Any Agribusiness License 9-12 Any Standard Agriculture license Any Occupational Specialist I, II, or III in Agriculture 9-12 	<ul style="list-style-type: none"> CTE: Agriculture with high school setting Workplace Specialist: Agriculture Education in Agriculture Mechanics 	<ul style="list-style-type: none"> CTE: Agriculture 5-12 Workplace Specialist: Power, Structure & Technology 9-12
Ag Mechanical and Engineering	7112	Agriculture Structures Fabrication and Design	Agriculture	AG ST FAB DES	<ul style="list-style-type: none"> Vocational Agriculture K-12 	<ul style="list-style-type: none"> Any Agribusiness License 9-12 Any Standard Agriculture license Any Occupational Specialist I, II, or III: Agriculture 9-12 	<ul style="list-style-type: none"> CTE: Agriculture with high school setting Workplace Specialist: Agriculture Education in Agriculture Mechanics 	<ul style="list-style-type: none"> CTE: Agriculture 5-12 Workplace Specialist: Power, Structure & Technology 9-12

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
Ag Mechanical and Engineering	7228	Agriculture Mechanization and Technology Capstone	Agriculture	AG MECH CAP	<ul style="list-style-type: none"> • Vocational Agriculture K-12 	<ul style="list-style-type: none"> • Any Agribusiness License 9-12 • Any Standard Agriculture license • Any Occupational Specialist I, II, or III: Agriculture 9-12 	<ul style="list-style-type: none"> • CTE: Agriculture with high school setting • Workplace Specialist: Agriculture Education in Agriculture Mechanics 	<ul style="list-style-type: none"> • CTE: Agriculture 5-12 • Workplace Specialist: Power, Structure & Technology 9-12
Agriscience	5008	Animal Science	Agriculture	ANML SCI	<ul style="list-style-type: none"> • Vocational Agriculture K-12 	<ul style="list-style-type: none"> • Any Agribusiness License 9-12 • Any Standard Agriculture license • Any Occupational Specialist I, II, or III: Agriculture 9-12 	<ul style="list-style-type: none"> • CTE: Agriculture with high school setting • Workplace Specialist: Agriculture Education in Animal Science 	<ul style="list-style-type: none"> • CTE: Agriculture 5-12 • Workplace Specialist: Animal Science 9-12
Agriscience	5170	Plant and Soil Science	Agriculture	PLT SL SCI	<ul style="list-style-type: none"> • Vocational Agriculture K-12 	<ul style="list-style-type: none"> • Any Agribusiness License 9-12 • Any Standard Agriculture license • Any Occupational Specialist I, II, or III: Agriculture 9-12 	<ul style="list-style-type: none"> • CTE: Agriculture with high school setting • Workplace Specialist: Agriculture Education in Plant & Soil Science 	<ul style="list-style-type: none"> • CTE: Agriculture 5-12 • Workplace Specialist: Plant & Soil Science 9-12
Agriscience	5074	Advanced Life Science, Plants and Soils (L)	Agriculture	ALS PLT/SL	<ul style="list-style-type: none"> • Vocational Agriculture K-12 • Science/Biology 9-12 • Workplace Specialist: Agriculture Education in Plant & Soil Science 	<ul style="list-style-type: none"> • Vocational Agriculture K-12 • Any Standard Agriculture license • Biology 9-12 • Any Occupational Specialist I, II, or III: Agriculture 9-12 • Workplace Specialist: Agriculture Education in Plant & Soil Science 	<ul style="list-style-type: none"> • CTE: Agriculture with high school setting • Life Science with high school setting • Workplace Specialist: Agriculture Education in Plant & Soil Science 	<ul style="list-style-type: none"> • CTE: Agriculture 5-12 • Life Science 5-12 • Workplace Specialist: Plant & Soil Science 9-12
Agriscience	5072	Advanced Life Science: Foods	Agriculture	ALS FOODS	<ul style="list-style-type: none"> • Vocational Agriculture K-12 • Any Home Economics K-12 • Workplace Specialist: Agriculture Education in Food Science 	<ul style="list-style-type: none"> • Vocational Agriculture K-12 • Any Standard Agriculture license • Consumer Homemaking Education K-12 • Occupational Education (FACS) K-12 • Any Occupational Specialist I, II, or III in Agriculture 9-12 • Workplace Specialist: Agriculture Education in Food Science 	<ul style="list-style-type: none"> • CTE: Agriculture with high school setting • CTE: Family & Consumer Sciences with high school setting • Workplace Specialist: Agriculture Education in Food Science 	<ul style="list-style-type: none"> • CTE: Agriculture 5-12 • CTE: Family and Consumer Sciences 5-12 • Workplace Specialist: Food Science 9-12
Agriscience; Veterinary Science	5070	Advanced Life Science, Animals (L)	Agriculture	ALS ANIML	<ul style="list-style-type: none"> • Vocational Agriculture K-12 • Science/Biology 9-12 • Workplace Specialist: Agriculture Education in Animal Science 	<ul style="list-style-type: none"> • Vocational Agriculture K-12 • Any Standard Agriculture license • Biology 9-12 • Any Occupational Specialist I, II, or III: Agriculture 9-12 • Workplace Specialist: Agriculture Education in Animal Science 	<ul style="list-style-type: none"> • CTE: Agriculture with high school setting • Life Science with high school setting • Workplace Specialist: Veterinary • Workplace Specialist: Agriculture Education in Animal Science 	<ul style="list-style-type: none"> • CTE: Agriculture 5-12 • Life Science 5-12 • Workplace Specialist: Veterinary • Workplace Specialist: Animal Science 9-12
Agriscience	5102	Food Science	Agriculture	FOOD SCI	<ul style="list-style-type: none"> • Vocational Agriculture K-12 • Any Home Economics K-12 	<ul style="list-style-type: none"> • Any Agribusiness License 9-12 • Any Standard Agriculture license • Any Occupational Specialist I, II, or III in Agriculture 9-12 • Consumer Homemaking Education K-12 	<ul style="list-style-type: none"> • CTE: Agriculture with high school setting • Workplace Specialist: Agriculture Education in Food Science • CTE: Family & Consumer Sciences with high school setting 	<ul style="list-style-type: none"> • CTE: Agriculture 5-12 • Workplace Specialist: Food Science 9-12 • CTE: Family & Consumer Sciences 5-12
Agriscience	7230	Agriculture Biotechnology Capstone	Agriculture	AG BIO CAP	<ul style="list-style-type: none"> • Vocational Agriculture K-12 • Science/Biology 9-12 	<ul style="list-style-type: none"> • Vocational Agriculture K-12 • Any Standard Agriculture license • Biology 9-12 	<ul style="list-style-type: none"> • CTE: Agriculture with high school setting • Life Science with high school setting 	<ul style="list-style-type: none"> • CTE: Agriculture 5-12 • Life Science 5-12
Horticulture	5132	Horticultural Science	Agriculture	HORT SCI	<ul style="list-style-type: none"> • Vocational Agriculture K-12 	<ul style="list-style-type: none"> • Standard Ornamental Horticulture License 9-12 • Any Standard Agriculture license • Occupational Specialist I, II, or III: Ornamental Horticulture 9-12 • Agribusiness Horticulture 9-12 	<ul style="list-style-type: none"> • CTE: Agriculture with high school setting • Workplace Specialist: Agriculture Education in Horticultural Science 	<ul style="list-style-type: none"> • CTE: Agriculture 5-12 • Workplace Specialist: Horticultural Science 9-12
Horticulture	7114	Greenhouse and Soilless Production	Agriculture	GRN S PROD	<ul style="list-style-type: none"> • Vocational Agriculture K-12 	<ul style="list-style-type: none"> • Standard Ornamental Horticulture License 9-12 • Any Standard Agriculture license • Occupational Specialist I, II, or III: Ornamental Horticulture 9-12 • Agribusiness Horticulture 9-12 	<ul style="list-style-type: none"> • CTE: Agriculture with high school setting • Workplace Specialist: Agriculture Education in Horticultural Science 	<ul style="list-style-type: none"> • CTE: Agriculture 5-12 • Workplace Specialist: Horticultural Science 9-12
Horticulture	7232	Horticulture Capstone	Agriculture	HORT CAP	<ul style="list-style-type: none"> • Vocational Agriculture K-12 	<ul style="list-style-type: none"> • Standard Ornamental Horticulture License 9-12 • Any Standard Agriculture license • Occupational Specialist I, II, or III: Ornamental Horticulture 9-12 • Agribusiness Horticulture 9-12 	<ul style="list-style-type: none"> • CTE: Agriculture with high school setting • Workplace Specialist: Agriculture Education in Horticultural Science 	<ul style="list-style-type: none"> • CTE: Agriculture 5-12 • Workplace Specialist: Horticultural Science 9-12
Landscaping	7115	Landscape and Turf Management	Agriculture	LAND TUR MAN	<ul style="list-style-type: none"> • Vocational Agriculture K-12 	<ul style="list-style-type: none"> • Any Agribusiness License 9-12 • Any Standard Agriculture license • Any Occupational Specialist I, II, or III in Agriculture 9-12 	<ul style="list-style-type: none"> • CTE: Agriculture with high school setting • Workplace Specialist: Agriculture Education in Landscape Management • Workplace Specialist: Ornamental Horticulture 	<ul style="list-style-type: none"> • CTE: Agriculture 5-12 • Workplace Specialist: Landscape Management 9-12 • Workplace Specialist: Ornamental Horticulture 9-12
Landscaping	7234	Landscape Management Capstone	Agriculture	LANDSC MGMT CAP	<ul style="list-style-type: none"> • Vocational Agriculture K-12 	<ul style="list-style-type: none"> • Any Agribusiness License 9-12 • Any Standard Agriculture license • Any Occupational Specialist I, II, or III in Agriculture 9-12 	<ul style="list-style-type: none"> • CTE: Agriculture with high school setting • Workplace Specialist: Agriculture Education in Landscape Management • Workplace Specialist: Ornamental Horticulture 	<ul style="list-style-type: none"> • CTE: Agriculture 5-12 • Workplace Specialist: Landscape Management 9-12 • Workplace Specialist: Ornamental Horticulture 9-12

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
Precision Agriculture	7116	Precision Agriculture	Agriculture	PREC AG	<ul style="list-style-type: none"> ● Vocational Agriculture K-12 	<ul style="list-style-type: none"> ● Any Agribusiness License 9-12 ● Any Standard Agriculture license ● Occupational Specialist I, II, or III in related course approved for a CTE pathway with a balance of all Agriculture relatable subject matter 	<ul style="list-style-type: none"> ● CTE: Agriculture with high school setting ● Workplace Specialist I or II in related course approved for a CTE pathway with a balance of all Agriculture relatable subject matter 	<ul style="list-style-type: none"> ● CTE: Agriculture 9-12 ● Workplace Specialist: Plant & Soil Science 9-12 ● Workplace Specialist I or II in related course approved for a CTE pathway with a balance of all Agriculture relatable subject matter
Precision Agriculture	7113	Crop Management	Agriculture	CROP MAN	<ul style="list-style-type: none"> ● Vocational Agriculture K-12 	<ul style="list-style-type: none"> ● Any Agribusiness License 9-12 ● Any Standard Agriculture license ● Any Occupational Specialist I, II, or III in Agriculture 9-12 	<ul style="list-style-type: none"> ● CTE: Agriculture with high school setting ● Workplace Specialist: Agriculture Education in Plant & Soil Science 	<ul style="list-style-type: none"> ● CTE: Agriculture 5-12 ● Workplace Specialist: Plant & Soil Science 9-12
Precision Agriculture	7236	Precision Agriculture Capstone	Agriculture	PREC AG CAP	<ul style="list-style-type: none"> ● Vocational Agriculture K-12 	<ul style="list-style-type: none"> ● Any Agribusiness License 9-12 ● Any Standard Agriculture license ● Occupational Specialist I, II, or III in related course approved for a CTE pathway with a balance of all Agriculture relatable subject matter 	<ul style="list-style-type: none"> ● CTE: Agriculture with high school setting ● Workplace Specialist I or II in related course approved for a CTE pathway with a balance of all Agriculture relatable subject matter 	<ul style="list-style-type: none"> ● CTE: Agriculture 9-12 ● Workplace Specialist: Plant & Soil Science 9-12 ● Workplace Specialist I or II in related course approved for a CTE pathway with a balance of all Agriculture relatable subject matter
Natural Resources	5180	Natural Resources	Energy & Natural Resources	NAT RSS	<ul style="list-style-type: none"> ● Vocational Agriculture K-12 	<ul style="list-style-type: none"> ● Any Agribusiness License 9-12 ● Any Standard Agriculture license ● Any Occupational Specialist I, II, or III in Natural Resources 9-12 	<ul style="list-style-type: none"> ● CTE: Agriculture with high school setting ● Workplace Specialist: Agriculture Education in Natural Resources Management 	<ul style="list-style-type: none"> ● CTE: Agriculture 9-12 ● Workplace Specialist: Natural Resources 9-12
Natural Resources	7270	Forestry and Wildlife Management	Energy & Natural Resources	FOR WILF MGMT	<ul style="list-style-type: none"> ● Vocational Agriculture K-12 	<ul style="list-style-type: none"> ● Any Agribusiness License 9-12 ● Any Standard Agriculture license ● Any Occupational Specialist I, II, or III in Agriculture 9-12 	<ul style="list-style-type: none"> ● CTE: Agriculture with high school setting ● Workplace Specialist: Agriculture Education in Landscape Management ● Workplace Specialist: Ornamental Horticulture 	<ul style="list-style-type: none"> ● CTE: Agriculture 5-12 ● Workplace Specialist: Landscape Management 9-12 ● Workplace Specialist: Ornamental Horticulture 9-12
Natural Resources	7271	Soil and Water Management	Energy & Natural Resources	SOIL WATR MGMT	<ul style="list-style-type: none"> ● Vocational Agriculture K-12 	<ul style="list-style-type: none"> ● Any Agribusiness License 9-12 ● Any Standard Agriculture license ● Any Occupational Specialist I, II, or III in Natural Resources 9-12 	<ul style="list-style-type: none"> ● CTE: Agriculture with high school setting ● Workplace Specialist: Agriculture Education in Natural Resources Management 	<ul style="list-style-type: none"> ● CTE: Agriculture 5-12 ● Workplace Specialist: Natural Resources 9-12
Natural Resources	5229	Sustainable Energy Alternatives	Energy & Natural Resources	SUS NRG	<ul style="list-style-type: none"> ● Vocational Agriculture K-12 	<ul style="list-style-type: none"> ● Any Standard Agriculture license 	<ul style="list-style-type: none"> ● CTE: Agriculture with high school setting 	<ul style="list-style-type: none"> ● CTE: Agriculture 5-12 ● Workplace Specialist: Sustainable Energy 9-12
Veterinary Science	7280	Principles of Veterinary Science	Agriculture	PRIN VET SCI	<ul style="list-style-type: none"> ● No license available 	<ul style="list-style-type: none"> ● No license available 	<ul style="list-style-type: none"> ● Workplace Specialist: Veterinary ● CTE: Agriculture with Veterinary Experience 	<ul style="list-style-type: none"> ● Workplace Specialist: Veterinary 9-12 ● CTE: Agriculture with Veterinary Experience
Veterinary Science	7281	Veterinary Science	Agriculture	VET SCI	<ul style="list-style-type: none"> ● No license available 	<ul style="list-style-type: none"> ● No license available 	<ul style="list-style-type: none"> ● Workplace Specialist: Veterinary ● CTE: Agriculture with Veterinary Experience 	<ul style="list-style-type: none"> ● Workplace Specialist: Veterinary 9-12 ● CTE: Agriculture with Veterinary Experience
Veterinary Science	7282	Veterinary Science Capstone	Agriculture	VET SCI CAP	<ul style="list-style-type: none"> ● No license available 	<ul style="list-style-type: none"> ● No license available 	<ul style="list-style-type: none"> ● Workplace Specialist: Veterinary ● CTE: Agriculture with Veterinary Experience 	<ul style="list-style-type: none"> ● Workplace Specialist: Veterinary 9-12 ● CTE: Agriculture with Veterinary Experience
	6132	Advanced Career & Technical Education, College Credit: Architecture and Construction	Construction	ADV CTE CC AC	<ul style="list-style-type: none"> ● Industrial Arts 7-12, K-12 ● Standard Trade & Industrial: Engineering K-12 ● Appropriate Vocational License 	<ul style="list-style-type: none"> ● Industrial Technology K-12 ● Industrial Education K-12 ● Standard Trade & Industrial: CivilArchitectural Engineering 9-12 ● Occupational Specialist I, II or III: Civil-Architectural Engineering 9-12 ● Occupational Specialist I, II or III: Building Trades Technology 9-12 ● Appropriate Vocational License ● Occupational Specialist in related course approved for a CTE pathway 	<ul style="list-style-type: none"> ● Technology Education with high school setting ● CTE: Trade & Industrial: Civil-Architectural Engineering Workplace Specialist: CivilArchitectural Engineering ● Workplace Specialist: Construction 9-12 ● Workplace Specialist: Building Trades 9-12 ● Appropriate CTE License with high school setting ● Workplace Specialist in related course approved for a CTE pathway 	<ul style="list-style-type: none"> ● Technology Education 5-12 ● CTE: Trade & Industrial CivilArchitectural Engineering 5-12 ● Workplace Specialist: Engineering 9-12 ● Workplace Specialist: Construction 9-12 ● Workplace Specialist: Building Trades 9-12 ● Appropriate CTE License 5-12 ● Workplace Specialist in related course approved for a CTE Pathway
	5654	Architecture and Construction: Special Topics	Construction	ARCH CNS ST	<ul style="list-style-type: none"> ● Industrial Arts 7-12, K-12 ● Standard Trade & Industrial: Engineering K-12 ● Appropriate Vocational License 	<ul style="list-style-type: none"> ● Industrial Technology K-12 ● Industrial Education K-12 ● Standard Trade & Industrial: CivilArchitectural Engineering 9-12 ● Occupational Specialist I, II or III: Civil-Architectural Engineering 9-12 ● Occupational Specialist I, II or III: Building Trades Technology 9-12 ● Appropriate Vocational License ● Occupational Specialist in related course approved for a CTE pathway 	<ul style="list-style-type: none"> ● Technology Education with high school setting ● CTE: Trade & Industrial: Civil-Architectural Engineering Workplace Specialist: CivilArchitectural Engineering ● Workplace Specialist: Construction 9-12 ● Workplace Specialist: Building Trades 9-12 ● Appropriate CTE License with high school setting ● Workplace Specialist in related course approved for a CTE pathway 	<ul style="list-style-type: none"> ● Technology Education 5-12 ● CTE: Trade & Industrial CivilArchitectural Engineering 5-12 ● Workplace Specialist: Engineering 9-12 ● Workplace Specialist: Construction 9-12 ● Workplace Specialist: Building Trades 9-12 ● Appropriate CTE License 5-12 ● Workplace Specialist in related course approved for a CTE Pathway
	4792	Introduction to Construction	Construction	INT CONST	<ul style="list-style-type: none"> ● Industrial Arts 7-12, K12 	<ul style="list-style-type: none"> ● Industrial Technology K-12 ● Industrial Education K-12 ● Occupational Specialist I, II or III in related course approved for a CTE pathway 	<ul style="list-style-type: none"> ● Technology Education with high school setting ● Workplace Specialist: Building Trades ● Workplace Specialist in related course approved for a CTE pathway 	<ul style="list-style-type: none"> ● Technology Education 5-12 ● Workplace Specialist: Building Trades 9-12 ● Workplace Specialist in related course approved for a CTE pathway ● Workplace Specialist: Construction 9-12

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
Construction Trades (CT)	7130	Principles of Construction Trades	Construction	PRIN CON TR	<ul style="list-style-type: none"> Standard Trade & Industrial: Building Trades K-12 Industrial Arts 7-12, K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Building Trades 9-12 Occupational Specialist I, II or III: Building Trades 9-12 Industrial Technology K-12 Industrial Education K-12 	<ul style="list-style-type: none"> Technology Education with high school setting Workplace Specialist: Building Trades Workplace Specialist in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education 5-12 CTE: Trade and Industrial: Building Trades 5-12 Workplace Specialist: Construction 9-12 Workplace Specialist: Building Trades 9-12 Workplace Specialist in related course approved for a CTE pathway
Construction Trades - Carpentry	7123	Construction Trades: General Carpentry	Construction	CON TRD GC	<ul style="list-style-type: none"> Standard Trade & Industrial: Building Trades K-12 Industrial Arts 7-12, K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Building Trades 9-12 Occupational Specialist I, II or III: Building Trades 9-12 Industrial Technology K-12 Industrial Education K-12 	<ul style="list-style-type: none"> Technology Education with high school setting Workplace Specialist: Building Trades Workplace Specialist in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education 5-12 CTE: Trade and Industrial: Building Trades 5-12 Workplace Specialist: Construction 9-12 Workplace Specialist: Building Trades 9-12 Workplace Specialist in related course approved for a CTE pathway
Construction Trades - Carpentry	7122	Construction Trades: Framing and Finishing	Construction	CON TRD FR FIN	<ul style="list-style-type: none"> Standard Trade & Industrial: Building Trades K-12 Industrial Arts 7-12, K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Building Trades 9-12 Occupational Specialist I, II or III: Building Trades 9-12 Industrial Technology K-12 Industrial Education K-12 	<ul style="list-style-type: none"> Technology Education with high school setting Workplace Specialist: Building Trades Workplace Specialist in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education 5-12 CTE: Trade and Industrial: Building Trades 5-12 Workplace Specialist: Construction 9-12 Workplace Specialist: Building Trades 9-12 Workplace Specialist in related course approved for a CTE pathway
Construction Trades - Carpentry	7390	Construction Trades: Masonry Fundamentals	Construction	MASON FUND	<ul style="list-style-type: none"> Standard Trade & Industrial: Building Trades K-12 Industrial Arts 7-12, K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Building Trades 9-12 Occupational Specialist I, II or III: Building Trades 9-12 Industrial Technology K-12 Industrial Education K-12 	<ul style="list-style-type: none"> Technology Education with high school setting Workplace Specialist: Building Trades Workplace Specialist in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education 5-12 CTE: Trade and Industrial: Building Trades 5-12 Workplace Specialist: Construction 9-12 Workplace Specialist: Building Trades 9-12 Workplace Specialist in related course approved for a CTE pathway
Construction Trades - Carpentry	7242	Construction Trades Capstone	Construction	CSTR TR CAP	<ul style="list-style-type: none"> Industrial Arts 7-12, K-12 Standard Trade & Industrial: Engineering K-12 Appropriate Vocational License 	<ul style="list-style-type: none"> Industrial Technology K-12 Industrial Education K-12 Standard Trade & Industrial: CivilArchitectural Engineering 9- 12 Occupational Specialist I, II or III: Civil-Architectural Engineering 9-12 Occupational Specialist I, II or III: Building Trades Technology 9-12 Appropriate Vocational License Occupational Specialist in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education with high school setting CTE: Trade & Industrial: Civil-Architectural Engineering 5-12 Workplace Specialist: CivilArchitectural Engineering Workplace Specialist: Construction 9-12 Workplace Specialist: Building Trades 9-12 Appropriate CTE License with high school setting Workplace Specialist in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education 5-12 CTE: Trade & Industrial CivilArchitectural Engineering 5-12 Workplace Specialist: Engineering 9- 12 Workplace Specialist: Construction 9- 12 Workplace Specialist: Building Trades 9-12 Appropriate CTE License 5-12 Workplace Specialist in related course approved for a CTE Pathway
Construction Trades - Carpentry	7391	Masonry Capstone	Construction	MASON CAP	<ul style="list-style-type: none"> Standard Trade & Industrial: Building Trades K-12 Industrial Arts 7-12, K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Building Trades 9-12 Occupational Specialist I, II or III: Building Trades 9-12 Industrial Technology K-12 Industrial Education K-12 	<ul style="list-style-type: none"> Technology Education with high school setting Workplace Specialist: Building Trades Workplace Specialist in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education 5-12 CTE: Trade and Industrial: Building Trades 5-12 Workplace Specialist: Construction 9-12 Workplace Specialist: Building Trades 9-12 Workplace Specialist in related course approved for a CTE pathway
Construction Trades - Electrical	7124	Electrical Fundamentals	Construction	ELEC FUN	<ul style="list-style-type: none"> Standard Trade & Industrial: Building Trades K-12 Industrial Arts 7-12, K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Building Trades 9-12 Occupational Specialist I, II or III: Building Trades 9-12 Industrial Technology K-12 Industrial Education K-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Building Trades Technology Workplace Specialist: Building Trades Technology Workplace Specialist: Industrial Technology or Industrial Electronics Technology Education 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Building Trades 5-12 CTE: Trade & Industry: Electrician 5-12 Workplace Specialist: Electrical 9-12 Workplace Specialist: Industrial Technology or Industrial Electronics 9-12 Technology Education 5-12
Construction Trades - Electrical	7119	Advanced Electrical	Construction	ADV ELEC	<ul style="list-style-type: none"> Standard Trade & Industrial: Building Trades K-12 Industrial Arts 7-12, K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Building Trades 9-12 Occupational Specialist I, II or III: Building Trades 9-12 Industrial Technology K-12 Industrial Education K-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Building Trades Technology Workplace Specialist: Building Trades Technology Workplace Specialist: Industrial Technology or Industrial Electronics Technology Education 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Building Trades 5-12 CTE: Trade & Industry: Electrician 5-12 Workplace Specialist: Electrical 9-12 Workplace Specialist: Industrial Technology or Industrial Electronics 9-12 Technology Education 5-12
Construction Trades - Electrical	7263	Construction Trades Electrical Capstone	Construction	CT ELEC CAP	<ul style="list-style-type: none"> Standard Trade & Industrial: Building Trades K-12 Industrial Arts 7-12, K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Building Trades 9-12 Occupational Specialist I, II or III: Building Trades 9-12 Industrial Technology K-12 Industrial Education K-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Building Trades Technology Workplace Specialist: Building Trades Technology Workplace Specialist: Industrial Technology or Industrial Electronics Technology Education 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Building Trades 5-12 CTE: Trade & Industry: Electrician 5-12 Workplace Specialist: Electrical 9-12 Workplace Specialist: Industrial Technology or Industrial Electronics 9-12 Technology Education 5-12

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
Building and Facilities Maintenance	7285	Building and Facilities Maintenance Fundamentals	Construction	BLDG FAC MAINT FUND	<ul style="list-style-type: none"> Standard Trade & Industrial: Building Maintenance K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Building Maintenance 9-12 Occupational Specialist I, II or III: Building Maintenance 9-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Building Facilities & Maintenance Workplace Specialist: Building Facilities & Maintenance 	<ul style="list-style-type: none"> CTE: Trade & Industrial Building Maintenance 5-12 Workplace Specialist: Facilities Management & Maintenance 9-12
Building and Facilities Maintenance	7286	Advanced Building and Facilities Maintenance	Construction	ADV BLDG FAC MAINT	<ul style="list-style-type: none"> Standard Trade & Industrial: Building Maintenance K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Building Maintenance 9-12 Occupational Specialist I, II or III: Building Maintenance 9-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Building Facilities & Maintenance Workplace Specialist: Building Facilities & Maintenance 	<ul style="list-style-type: none"> CTE: Trade & Industrial Building Maintenance 5-12 Workplace Specialist: Facilities Management & Maintenance 9-12
Building and Facilities Maintenance	7287	Building and Facilities Maintenance Capstone	Construction	BLDG FAC MAINT CAP	<ul style="list-style-type: none"> Standard Trade & Industrial: Building Maintenance K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Building Maintenance 9-12 Occupational Specialist I, II or III: Building Maintenance 9-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Building Facilities & Maintenance Workplace Specialist: Building Facilities & Maintenance 	<ul style="list-style-type: none"> CTE: Trade & Industrial Building Maintenance 5-12 Workplace Specialist: Facilities Management & Maintenance 9-12
Civil Construction	7121	Civil Construction Fundamentals	Construction	CIV CON FUN	<ul style="list-style-type: none"> Industrial Arts 7-12, K-12 	<ul style="list-style-type: none"> Industrial Technology K-12 Industrial Education K-12 Occupational Specialist I, II or III in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education with high school setting Workplace Specialist in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education 5-12 CTE: Trade and Industrial: Building Trades 5-12 CTE: Trade & Industry: Construction 5-12 Workplace Specialist: Heavy Highway 9-12 Workplace Specialist: Heavy Equipment 9-12
Civil Construction	7118	Advanced Civil Construction	Construction	ADV CIV CON	<ul style="list-style-type: none"> Industrial Arts 7-12, K-12 	<ul style="list-style-type: none"> Industrial Technology K-12 Industrial Education K-12 Occupational Specialist I, II or III in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education with high school setting Workplace Specialist in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education 5-12 CTE: Trade and Industrial: Building Trades 5-12 CTE: Trade & Industry: Construction 5-12 Workplace Specialist: Heavy Highway 9-12 Workplace Specialist: Heavy Equipment 9-12
Civil Construction	7240	Civil Construction Capstone	Construction	CIV CSTR CAP	<ul style="list-style-type: none"> Industrial Arts 7-12, K-12 	<ul style="list-style-type: none"> Industrial Technology K-12 Industrial Education K-12 Occupational Specialist I, II or III in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education with high school setting Workplace Specialist in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education 5-12 CTE: Trade and Industrial: Building Trades 5-12 CTE: Trade & Industry: Construction 5-12 Workplace Specialist: Heavy Highway 9-12 Workplace Specialist: Heavy Equipment 9-12
Heavy Equipment Operations	7290	Heavy Equipment Fundamentals	Construction	HVY EQUIP FUND	<ul style="list-style-type: none"> Standard Trade & Industrial: Building Trades K-12 Industrial Arts 7-12, K12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Building Trades 9-12 Occupational Specialist I, II or III: Building Trades 9-12 Industrial Technology K-12 Industrial Education K-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Building Trades Technology Workplace Specialist: Building Trades Technology Technology Education 	<ul style="list-style-type: none"> CTE: Trade & Industrial Building Trades 5-12 Workplace Specialist: Heavy Equipment 9-12 Technology Education 5-12
Heavy Equipment Operations	7291	Advanced Heavy Equipment Operations	Construction	ADV HVY EQUIP OPER	<ul style="list-style-type: none"> Standard Trade & Industrial: Building Trades K-12 Industrial Arts 7-12, K12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Building Trades 9-12 Occupational Specialist I, II or III: Building Trades 9-12 Industrial Technology K-12 Industrial Education K-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Building Trades Technology Workplace Specialist: Building Trades Technology Technology Education 	<ul style="list-style-type: none"> CTE: Trade & Industrial Building Trades 5-12 Workplace Specialist: Heavy Equipment 9-12 Technology Education 5-12
Heavy Equipment Operations	7292	Heavy Equipment Capstone	Construction	HVY EQUIP CAP	<ul style="list-style-type: none"> Standard Trade & Industrial: Building Trades K-12 Industrial Arts 7-12, K12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Building Trades 9-12 Occupational Specialist I, II or III: Building Trades 9-12 Industrial Technology K-12 Industrial Education K-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Building Trades Technology Workplace Specialist: Building Trades Technology Technology Education 	<ul style="list-style-type: none"> CTE: Trade & Industrial Building Trades 5-12 Workplace Specialist: Heavy Equipment 9-12 Technology Education 5-12
HVAC	7131	Principles of Heating, Ventilation, and Air Conditioning (HVAC)	Construction	PRN HVAC	<ul style="list-style-type: none"> Standard Trade & Industrial: Heating & Air Conditioning K-12 Industrial Arts 7-12, K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Heating & Air Conditioning 9-12 Occupational Specialist I, II or III: Heating & Air Conditioning 9-12 Industrial Technology K-12 Industrial Education K-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Heating, Ventilation, Air Conditioning, & Refrigeration (HVACR) Workplace Specialist: Heating, Ventilation, Air Conditioning, & Refrigeration (HVACR) Technology Education 	<ul style="list-style-type: none"> CTE: Trade & Industrial Heating, Ventilation, Air Conditioning, & Refrigeration (HVACR) 5-12 Workplace Specialist: HVAC 9-12 Technology Education 5-12
HVAC	7125	HVAC Fundamentals	Construction	HVAC FUN	<ul style="list-style-type: none"> Standard Trade & Industrial: Heating & Air Conditioning K-12 Industrial Arts 7-12, K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Heating & Air Conditioning 9-12 Occupational Specialist I, II or III: Heating & Air Conditioning 9-12 Industrial Technology K-12 Industrial Education K-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Heating, Ventilation, Air Conditioning, & Refrigeration (HVACR) Workplace Specialist: Heating, Ventilation, Air Conditioning, & Refrigeration (HVACR) Technology Education 	<ul style="list-style-type: none"> CTE: Trade & Industrial Heating, Ventilation, Air Conditioning, & Refrigeration (HVACR) 5-12 Workplace Specialist: HVAC 9-12 Technology Education 5-12
HVAC	7126	HVAC Service	Construction	HVAC SER	<ul style="list-style-type: none"> Standard Trade & Industrial: Heating & Air Conditioning K-12 Industrial Arts 7-12, K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Heating & Air Conditioning 9-12 Occupational Specialist I, II or III: Heating & Air Conditioning 9-12 Industrial Technology K-12 Industrial Education K-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Heating, Ventilation, Air Conditioning, & Refrigeration (HVACR) Workplace Specialist: Heating, Ventilation, Air Conditioning, & Refrigeration (HVACR) Technology Education 	<ul style="list-style-type: none"> CTE: Trade & Industrial Heating, Ventilation, Air Conditioning, & Refrigeration (HVACR) 5-12 Workplace Specialist: HVAC 9-12 Technology Education 5-12

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
HVAC	7244	HVAC Capstone	Construction	HVAC CAP	<ul style="list-style-type: none"> Standard Trade & Industrial: Heating & Air Conditioning K-12 Industrial Arts 7-12, K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Heating & Air Conditioning 9-12 Occupational Specialist I, II or III: Heating & Air Conditioning 9-12 Industrial Technology K-12 Industrial Education K-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Heating, Ventilation, Air Conditioning, & Refrigeration (HVACR) Workplace Specialist: Heating, Ventilation, Air Conditioning, & Refrigeration (HVACR) Technology Education 	<ul style="list-style-type: none"> CTE: Trade & Industrial Heating, Ventilation, Air Conditioning, & Refrigeration (HVACR) 5-12 Workplace Specialist: HVAC 9-12 Technology Education 5-12
Plumbing and Pipefitting	7133	Principles of Plumbing and Pipefitting	Construction	PRIN PLB PIPE	<ul style="list-style-type: none"> Standard Trade & Industrial: Building Trades K-12 Industrial Arts 7-12, K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Building Trades 9-12 Occupational Specialist I, II or III: Building Trades 9-12 Industrial Technology K-12 Industrial Education K-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Building Trades Technology Workplace Specialist: Building Trades Technology Technology Education 	<ul style="list-style-type: none"> CTE: Trade & Industrial Building Trades 5-12 CTE: Trade & Industrial: Plumbing & Pipefitting 5-12 Technology Education 5-12 Workplace Specialist: Construction Trades 9-12 Workplace Specialist: Plumbing & Pipefitting 9-12
Plumbing and Pipefitting	7129	Plumbing and Pipefitting Fundamentals	Construction	PLB PIPE FUN	<ul style="list-style-type: none"> Standard Trade & Industrial: Building Trades K-12 Industrial Arts 7-12, K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Building Trades 9-12 Occupational Specialist I, II or III: Building Trades 9-12 Industrial Technology K-12 Industrial Education K-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Building Trades Technology Workplace Specialist: Building Trades Technology Technology Education 	<ul style="list-style-type: none"> CTE: Trade & Industrial Building Trades 5-12 CTE: Trade & Industrial: Plumbing & Pipefitting 5-12 Technology Education 5-12 Workplace Specialist: Construction Trades 9-12 Workplace Specialist: Plumbing & Pipefitting 9-12
Plumbing and Pipefitting	7120	Advanced Plumbing and Pipefitting	Construction	ADV PLB PIPE	<ul style="list-style-type: none"> Standard Trade & Industrial: Building Trades K-12 Industrial Arts 7-12, K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Building Trades 9-12 Occupational Specialist I, II or III: Building Trades 9-12 Industrial Technology K-12 Industrial Education K-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Building Trades Technology Workplace Specialist: Building Trades Technology Technology Education 	<ul style="list-style-type: none"> CTE: Trade & Industrial Building Trades 5-12 CTE: Trade & Industrial: Plumbing & Pipefitting 5-12 Technology Education 5-12 Workplace Specialist: Construction Trades 9-12 Workplace Specialist: Plumbing & Pipefitting 9-12
Plumbing and Pipefitting	7264	Plumbing and Pipefitting Capstone	Construction	PLUMB PIPE CAP	<ul style="list-style-type: none"> Standard Trade & Industrial: Building Trades K-12 Industrial Arts 7-12, K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Building Trades 9-12 Occupational Specialist I, II or III: Building Trades 9-12 Industrial Technology K-12 Industrial Education K-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Building Trades Technology Workplace Specialist: Building Trades Technology Technology Education 	<ul style="list-style-type: none"> CTE: Trade & Industrial Building Trades 5-12 CTE: Trade & Industrial: Plumbing & Pipefitting 5-12 Technology Education 5-12 Workplace Specialist: Construction Trades 9-12 Workplace Specialist: Plumbing & Pipefitting 9-12
Architecture Engineering Construction	7295	Principles of Architecture, Engineering and Construction <i>(Course being phased out)</i>	Construction	PRIN AEC	<ul style="list-style-type: none"> Industrial Arts 7-12, K-12 Standard Trade & Industrial: Engineering K-12 Appropriate Vocational License 	<ul style="list-style-type: none"> Industrial Technology K-12 Industrial Education K-12 Standard Trade & Industrial: Civil Architectural Engineering 9-12 Occupational Specialist I, II or III: Civil-Architectural Engineering 9-12 Occupational Specialist I, II or III: Building Trades Technology 9-12 Appropriate Vocational License Occupational Specialist in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education with high school setting CTE: Trade & Industrial: Civil-Architectural Engineering Workplace Specialist: CivilArchitectural Engineering Workplace Specialist: Construction 9-12 Workplace Specialist: Building Trades 9-12 Appropriate CTE License with high school setting Workplace Specialist in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education 5-12 CTE: Trade & Industrial CivilArchitectural Engineering 5-12 Workplace Specialist: Engineering 9-12 Workplace Specialist: Construction 9-12 Workplace Specialist: Building Trades 9-12 Appropriate CTE License 5-12 Workplace Specialist in related course approved for a CTE Pathway
Architecture Engineering Construction	7296	Surveying <i>(Course being phased out)</i>	Construction	SRVY	<ul style="list-style-type: none"> Industrial Arts 7-12, K-12 Standard Trade & Industrial: Engineering K-12 Appropriate Vocational License 	<ul style="list-style-type: none"> Industrial Technology K-12 Industrial Education K-12 Standard Trade & Industrial: CivilArchitectural Engineering 9-12 Occupational Specialist I, II or III: Civil-Architectural Engineering 9-12 Occupational Specialist I, II or III: Building Trades Technology 9-12 Appropriate Vocational License Occupational Specialist in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education with high school setting CTE: Trade & Industrial: Civil-Architectural Engineering Workplace Specialist: CivilArchitectural Engineering Workplace Specialist: Construction 9-12 Workplace Specialist: Building Trades 9-12 Appropriate CTE License with high school setting Workplace Specialist in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education 5-12 CTE: Trade & Industrial CivilArchitectural Engineering 5-12 Workplace Specialist: Engineering 9-12 Workplace Specialist: Construction 9-12 Workplace Specialist: Building Trades 9-12 Appropriate CTE License 5-12 Workplace Specialist in related course approved for a CTE Pathway
Architecture Engineering Construction	7389	Advanced Architectural Drafting and Design <i>(Course being phased out)</i>	Construction	ADV ARCH DR	<ul style="list-style-type: none"> Industrial Arts 7-12, K-12 Standard Trade & Industrial: Engineering K-12 Appropriate Vocational License 	<ul style="list-style-type: none"> Industrial Technology K-12 Industrial Education K-12 Standard Trade & Industrial: Civil Architectural Engineering 9-12 Occupational Specialist I, II or III: Civil-Architectural Engineering 9-12 Occupational Specialist I, II or III: Building Trades Technology 9-12 Appropriate Vocational License Occupational Specialist in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education with high school setting CTE: Trade & Industrial: Civil-Architectural Engineering Workplace Specialist: CivilArchitectural Engineering Workplace Specialist: Construction 9-12 Workplace Specialist: Building Trades 9-12 Appropriate CTE License with high school setting Workplace Specialist in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education 5-12 CTE: Trade & Industrial CivilArchitectural Engineering 5-12 Workplace Specialist: Engineering 9-12 Workplace Specialist: Construction 9-12 Workplace Specialist: Building Trades 9-12 Appropriate CTE License 5-12 Workplace Specialist in related course approved for a CTE Pathway

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
Architecture Engineering Construction	7297	Architecture, Engineering and Construction Capstone (<i>Course being phased out</i>)	Construction	AEC CAP	<ul style="list-style-type: none"> Industrial Arts 7-12, K-12 Standard Trade & Industrial: Engineering K-12 Appropriate Vocational License 	<ul style="list-style-type: none"> Industrial Technology K-12 Industrial Education K-12 Standard Trade & Industrial: Civil/Architectural Engineering 9-12 Occupational Specialist I, II or III: Civil-Architectural Engineering 9-12 Occupational Specialist I, II or III: Building Trades Technology 9-12 Appropriate Vocational License Occupational Specialist in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education with high school setting CTE: Trade & Industrial: Civil-Architectural Engineering Workplace Specialist: Civil/Architectural Engineering Workplace Specialist: Construction 9-12 Workplace Specialist: Building Trades 9-12 Appropriate CTE License with high school setting Workplace Specialist in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education 5-12 CTE: Trade & Industrial: Civil/Architectural Engineering 5-12 Workplace Specialist: Engineering 9-12 Workplace Specialist: Construction 9-12 Workplace Specialist: Building Trades 9-12 Appropriate CTE License 5-12 Workplace Specialist in related course approved for a CTE Pathway
	6134	Advanced Career & Technical Education, College Credit: Arts, Entertainment, & Design	Arts, Entertainment & Design	ADV CTE CC AATC	<ul style="list-style-type: none"> Industrial Arts 7-12, K12 Appropriate Vocational License 	<ul style="list-style-type: none"> Industrial Technology K-12 Industrial Education K-12 Appropriate Vocational License Occupational Specialist in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education with high school setting Appropriate CTE License with high school setting Workplace Specialist in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education 5-12 Appropriate CTE License 5-12 Workplace Specialist in related cou
	4576	Arts, AV Tech and Communication: Special Topics	Arts, Entertainment & Design	AAVTC ST	<ul style="list-style-type: none"> Industrial Arts 7-12, K12 Appropriate Vocational License 	<ul style="list-style-type: none"> Industrial Technology K-12 Industrial Education K-12 Appropriate Vocational license Occupational Specialist in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education with high school setting Appropriate CTE License with high school setting Workplace Specialist in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education 5-12 Appropriate CTE License 5-12 Workplace Specialist in related course
	5380	Introduction to Fashion & Textiles	Arts, Entertainment & Design	FSHNTX	<ul style="list-style-type: none"> Any Home Economics K-12 	<ul style="list-style-type: none"> Consumer Homemaking Education 9-12 Occupational Education (FACS) 9-12 Occupational Specialist I, II or III in related course approved for a CTE pathway 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences with high school setting Workplace Specialist I or II in related course approved for a CTE pathway 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences 5-12 Workplace Specialist I or II in related course approved for a CTE pathway
	5350	Introduction to Housing and Interior Design	Arts, Entertainment & Design	INT HSINT DES	<ul style="list-style-type: none"> Industrial Arts 7-12, K12 Arts & Crafts 7-12, K-12 Any Home Economics K-12 	<ul style="list-style-type: none"> Industrial Technology K-12 Industrial Education K-12 Visual Arts 9-12 Occupational Education (FACS) 9-12 Occupational Specialist: Business IT: Interactive Media 9-12 	<ul style="list-style-type: none"> Technology Education with high school setting CTE: FACS with high school setting Visual Arts 9-12 Fine Arts: Visual Arts with high school setting Workplace Specialist: Interactive Media 9-12 Workplace Specialist: Radio and TV 9-12 	<ul style="list-style-type: none"> Technology Education 5-12 CTE: FACS 5-12 Fine Arts: Visual Arts 5-12 Workplace Specialist: Interactive Media 9-12 Workplace Specialist: Radio & TV 9-12
	4834	Design Fundamentals	Arts, Entertainment & Design	DES FUND	<ul style="list-style-type: none"> Industrial Arts 7-12, K12 Arts & Crafts 7-12, K-12 Any Home Economics K-12 	<ul style="list-style-type: none"> Industrial Technology K-12 Industrial Education K-12 Visual Arts 9-12 Occupational Education (FACS) 9-12 Occupational Specialist: Business IT: Interactive Media 9-12 	<ul style="list-style-type: none"> Technology Education with high school setting CTE: FACS with high school setting Fine Arts: Visual Arts with high school setting Workplace Specialist: Interactive Media 9-12 Workplace Specialist: Radio and TV 9-12 	<ul style="list-style-type: none"> Technology Education 5-12 CTE: FACS 5-12 Fine Arts: Visual Arts 5-12 Workplace Specialist: Interactive Media 9-12 Workplace Specialist: Radio & TV 9-12
	4790	Introduction to Communications	Arts, Entertainment & Design	INT COMM	<ul style="list-style-type: none"> Industrial Arts 7-12, K12 English 7-12 and work experience in communications/media Journalism 7-12 	<ul style="list-style-type: none"> Industrial Technology K-12 Industrial Education K-12 Occupational Specialist I, II or III in related course approved for a CTE pathway English 9-12 and work experience in communications/media Journalism 9-12 	<ul style="list-style-type: none"> Technology Education with high school setting Workplace Specialist I or II in related course approved for a CTE pathway Language Arts with high school setting and work experience in communications/media Journalism with high school setting 	<ul style="list-style-type: none"> Technology Education 5-12 Workplace Specialist I or II in related course approved for a CTE pathway Journalism 5-12 Language Arts 5-12 and work experience in communications/media
Digital Design	7140	Principles of Digital Design	Arts, Entertainment & Design	PRIN DIG DES	<ul style="list-style-type: none"> Business Education with Vocational Business Endorsement 7-12 	<ul style="list-style-type: none"> Business Education with Vocational Business Endorsement 9-12 Occupational Specialist: Business IT: Interactive Media 9-12 	<ul style="list-style-type: none"> CTE: Business Services & Technology with high school setting Workplace Specialist: Business IT: Interactive Media CTE: Trade & Industrial: 3D Computer Animation & Visualization 5-12 Business with high school setting Workplace Specialist: 3D Computer Animation & Visualization Workplace Specialist: Interactive Media Workplace Specialist: Graphic Imaging Technology CTE: Trade & Industrial Photography 5-12 Workplace Specialist: Commercial Photography 9-12 	<ul style="list-style-type: none"> CTE: Business Services & Technology 5-12 CTE: Business & Information Technology 5-12 CTE: Trade & Industrial: 3D Computer Animation & Visualization 5-12 CTE: Trade & Industrial Graphic Arts 5-12 CTE: Trade & Industrial: Graphic Imaging Technology 5-12 Workplace Specialist: Interactive Media 9-12 Business 5-12 Workplace Specialist: Graphic Imaging Technology 9-12 Workplace Specialist: Graphic Design & Layout 9-12 Workplace Specialist: 3D Computer Animation & Visualization 9-12 CTE: Trade & Industrial Photography 5-12 Workplace Specialist: Commercial Photography 9-12

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
Digital Design	7141	Digital Design Graphics	Arts, Entertainment & Design	DIG DES GRAPH	<ul style="list-style-type: none"> Business Education with Vocational Business Endorsement 7-12 	<ul style="list-style-type: none"> Business Education with Vocational Business Endorsement 9-12 Occupational Specialist: Business IT: Interactive Media 9-12 	<ul style="list-style-type: none"> CTE: Business Services & Technology with high school setting Workplace Specialist: Business IT: Interactive Media CTE: Trade & Industrial: 3D Computer Animation & Visualization Business with high school setting Workplace Specialist: 3D Computer Animation & Visualization Workplace Specialist: Interactive Media Workplace Specialist: Graphic Imaging Technology CTE: Trade & Industrial Photography 5-12 Workplace Specialist: Commercial Photography 9-12 	<ul style="list-style-type: none"> CTE: Business Services & Technology 5-12 CTE: Business & Information Technology 5-12 CTE: Trade & Industrial: 3D Computer Animation & Visualization 5-12 CTE: Trade & Industrial Graphic Arts 5-12 CTE: Trade & Industrial: Graphic Imaging Technology 5-12 Workplace Specialist: Interactive Media 9-12 Business 5-12 Workplace Specialist: Graphic Imaging Technology 9-12 Workplace Specialist: Graphic Design & Layout 9-12 Workplace Specialist: 3D Computer Animation & Visualization 9-12 CTE: Trade & Industrial Photography 5-12 Workplace Specialist: Commercial Photography 9-12
Digital Design	5550	Graphic Design and Layout	Arts, Entertainment & Design	GRAPH DES LT	<ul style="list-style-type: none"> Business Education with Vocational Business Endorsement 7-12 Standard Trade & Industrial: Commercial Art K-12 Standard Trade & Industrial: Graphic Arts Printing K-12 	<ul style="list-style-type: none"> Business Education with Vocational Business Endorsement 9-12 Occupational Specialist: Business IT: Interactive Media 9-12 Standard Trade & Industrial: Commercial Art 9-12 Occupational Specialist I, II or III: Commercial Art 9-12 Standard Trade & Industrial: Graphic Arts 9-12 Occupational Specialist I, II or III: Graphic Arts 9-12 Trade & Industrial: Printing 9-12 Occupational Specialist I, II or III: Printing 9-12 	<ul style="list-style-type: none"> CTE: Business Services & Technology with high school setting Workplace Specialist: Business IT: Interactive Media CTE: Trade & Industrial: Commercial Art & Graphic Design Workplace Specialist: Commercial Art & Graphic Design CTE: Trade & Industrial: Graphic Imaging Technology Workplace Specialist: Graphic Imaging Technology Workplace Specialist: Interactive Media 	<ul style="list-style-type: none"> CTE: Business Services & Technology 5-12 CTE: Business & Information Technology 5-12 CTE: Trade & Industrial Graphic Arts 5-12 CTE: Trade & Industrial: Graphic Imaging Technology 5-12 Workplace Specialist: Graphic Design & Layout 9-12 Workplace Specialist: Graphic Imaging Technology 9-12 Workplace Specialist: Interactive Media 9-12
Digital Design	7138	Interactive Media Design	Arts, Entertainment & Design	IN MED DES	<ul style="list-style-type: none"> Business Education with Vocational Business Endorsement 7-12 	<ul style="list-style-type: none"> Business Education with Vocational Business Endorsement 9-12 Occupational Specialist: Business IT: Interactive Media 9-12 	<ul style="list-style-type: none"> CTE: Business Services & Technology with high school setting Workplace Specialist: Business IT: Interactive Media CTE: Trade & Industrial: 3D Computer Animation & Visualization Business with high school setting Workplace Specialist: 3D Computer Animation & Visualization Workplace Specialist: Interactive Media Workplace Specialist: Graphic Imaging Technology 	<ul style="list-style-type: none"> CTE: Business Services & Technology 5-12 CTE: Business & Information Technology 5-12 CTE: Trade & Industrial: 3D Computer Animation & Visualization 5-12 CTE: Trade & Industrial Graphic Arts 5-12 CTE: Trade & Industrial: Graphic Imaging Technology 5-12 Workplace Specialist: Interactive Media 9-12 Business 5-12 Workplace Specialist: Graphic Imaging Technology 9-12 Workplace Specialist: Graphic Design & Layout 9-12 Workplace Specialist: 3D Computer Animation & Visualization 9-12
Digital Design	7136	Professional Photography & Videography	Arts, Entertainment & Design	PRO PHOTO/VID	<ul style="list-style-type: none"> Standard Trade & Industrial: Commercial Photography K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Commercial Photography 9-12 Occupational Specialist I, II or III: Commercial Photography 9-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Commercial Photography Workplace Specialist: Commercial Photography 	<ul style="list-style-type: none"> CTE: Trade & Industrial Photography 5-12 Workplace Specialist: Commercial Photography 9-12
Digital Design	7246	Digital Design Capstone	Arts, Entertainment & Design	DIG DES CAP	<ul style="list-style-type: none"> Business Education with Vocational Business Endorsement 7-12 	<ul style="list-style-type: none"> Business Education with Vocational Business Endorsement 9-12 Occupational Specialist: Business IT: Interactive Media 9-12 	<ul style="list-style-type: none"> CTE: Business Services & Technology with high school setting Workplace Specialist: Business IT: Interactive Media CTE: Trade & Industrial: 3D Computer Animation & Visualization Business with high school setting Workplace Specialist: 3D Computer Animation & Visualization Workplace Specialist: Interactive Media Workplace Specialist: Graphic Imaging Technology CTE: Trade & Industrial Photography 5-12 Workplace Specialist: Commercial Photography 9-12 	<ul style="list-style-type: none"> CTE: Business Services & Technology 5-12 CTE: Business & Information Technology 5-12 CTE: Trade & Industrial: 3D Computer Animation & Visualization 5-12 CTE: Trade & Industrial Graphic Arts 5-12 CTE: Trade & Industrial: Graphic Imaging Technology 5-12 Workplace Specialist: Interactive Media 9-12 Business 5-12 Workplace Specialist: Graphic Imaging Technology 9-12 Workplace Specialist: Graphic Design & Layout 9-12 Workplace Specialist: 3D Computer Animation & Visualization 9-12 CTE: Trade & Industrial Photography 5-12 Workplace Specialist: Commercial Photography 9-12

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
Fashion & Textile	7301	Principles of Fashion and Textiles	Arts, Entertainment & Design	PRIN FASH TEXT	<ul style="list-style-type: none"> Any Home Economics K-12 	<ul style="list-style-type: none"> Consumer Homemaking Education 9-12 Occupational Education (FACS) 9-12 Occupational Specialist I, II or III in related course approved for a CTE pathway 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences with high school setting Workplace Specialist I or II in related course approved for a CTE pathway 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences 5-12 Workplace Specialist I or II in related course approved for a CTE pathway
Fashion & Textile	7302	Textiles, Apparel, and Merchandising	Arts, Entertainment & Design	TEXT APP MERCH	<ul style="list-style-type: none"> Any Home Economics K-12 	<ul style="list-style-type: none"> Consumer Homemaking Education 9-12 Occupational Education (FACS) 9-12 Occupational Specialist I, II or III in related course approved for a CTE pathway 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences with high school setting Workplace Specialist I or II in related course approved for a CTE pathway 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences 5-12 Workplace Specialist I or II in related course approved for a CTE pathway
Fashion & Textile	7303	Advanced Textiles	Arts, Entertainment & Design	ADV TEXT	<ul style="list-style-type: none"> Any Home Economics K-12 	<ul style="list-style-type: none"> Consumer Homemaking Education 9-12 Occupational Education (FACS) 9-12 Occupational Specialist I, II or III in related course approved for a CTE pathway 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences with high school setting Workplace Specialist I or II in related course approved for a CTE pathway 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences 5-12 Workplace Specialist I or II in related course approved for a CTE pathway
Fashion & Textile	7304	Fashion and Textiles Capstone	Arts, Entertainment & Design	FASH TEXT CAP	<ul style="list-style-type: none"> Any Home Economics K-12 	<ul style="list-style-type: none"> Consumer Homemaking Education 9-12 Occupational Education (FACS) 9-12 Occupational Specialist I, II or III in related course approved for a CTE pathway 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences with high school setting Workplace Specialist I or II in related course approved for a CTE pathway 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences 5-12 Workplace Specialist I or II in related course approved for a CTE pathway
Interior Design	7132	Principles of Interior Design	Arts, Entertainment & Design	PRIN INT DES	<ul style="list-style-type: none"> Vocational Home Economics K-12 Standard Trade & Industrial: Building Trades K-12 Industrial Arts 7-12, K-12 	<ul style="list-style-type: none"> Occupational Education (FACS) 9-12 Occupational Specialist I, II or III: Institutional & Home Management 9-12 Standard Trade & Industrial: Building Trades 9-12 Occupational Specialist I, II or III: Building Trades 9-12 Industrial Technology K-12 Industrial Education K-12 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences with high school setting Workplace Specialist: Housing Occupations CTE: Trade & Industrial: Building Trades Technology Workplace Specialist: Building Trades Technology Technology Education 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences 5-12 CTE: Trade & Industrial Building Trades 5-12 CTE: Trade & Industrial: Interior Design 5-12 Workplace Specialist: Interior Design & Housing 9-12 Workplace Specialist: Building Trades/Construction 9-12
Interior Design	7127	Interior Design Fundamentals	Arts, Entertainment & Design	INT DES FUN	<ul style="list-style-type: none"> Vocational Home Economics K-12 Standard Trade & Industrial: Building Trades K-12 Industrial Arts 7-12, K-12 	<ul style="list-style-type: none"> Occupational Education (FACS) 9-12 Occupational Specialist I, II or III: Institutional & Home Management 9-12 Standard Trade & Industrial: Building Trades 9-12 Occupational Specialist I, II or III: Building Trades 9-12 Industrial Technology K-12 Industrial Education K-12 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences with high school setting Workplace Specialist: Housing Occupations CTE: Trade & Industrial: Building Trades Technology Workplace Specialist: Building Trades Technology Technology Education 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences 5-12 CTE: Trade & Industrial Building Trades 5-12 CTE: Trade & Industrial: Interior Design 5-12 Workplace Specialist: Interior Design & Housing 9-12 Workplace Specialist: Building Trades/Construction 9-12
Interior Design	7128	Materials, Finishes, and Design	Arts, Entertainment & Design	MAT FIN DES	<ul style="list-style-type: none"> Vocational Home Economics K-12 Standard Trade & Industrial: Building Trades K-12 Industrial Arts 7-12, K-12 	<ul style="list-style-type: none"> Occupational Education (FACS) 9-12 Occupational Specialist I, II or III: Institutional & Home Management 9-12 Standard Trade & Industrial: Building Trades 9-12 Occupational Specialist I, II or III: Building Trades 9-12 Industrial Technology K-12 Industrial Education K-12 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences with high school setting Workplace Specialist: Housing Occupations CTE: Trade & Industrial: Building Trades Technology Workplace Specialist: Building Trades Technology Technology Education 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences 5-12 CTE: Trade & Industrial Building Trades 5-12 CTE: Trade & Industrial: Interior Design 5-12 Workplace Specialist: Interior Design & Housing 9-12 Workplace Specialist: Building Trades/Construction 9-12
Interior Design	7248	Interior Design Capstone	Arts, Entertainment & Design	INT DES CAP	<ul style="list-style-type: none"> Vocational Home Economics K-12 Standard Trade & Industrial: Building Trades K-12 Industrial Arts 7-12, K-12 	<ul style="list-style-type: none"> Occupational Education (FACS) 9-12 Occupational Specialist I, II or III: Institutional & Home Management 9-12 Standard Trade & Industrial: Building Trades 9-12 Occupational Specialist I, II or III: Building Trades 9-12 Industrial Technology K-12 Industrial Education K-12 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences with high school setting Workplace Specialist: Housing Occupations CTE: Trade & Industrial: Building Trades Technology Workplace Specialist: Building Trades Technology Technology Education 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences 5-12 CTE: Trade & Industrial Building Trades 5-12 CTE: Trade & Industrial: Interior Design 5-12 Workplace Specialist: Interior Design & Housing 9-12 Workplace Specialist: Building Trades/Construction 9-12
Radio & TV Broadcasting	7139	Principles of Broadcasting	Arts, Entertainment & Design	PRIN BROAD	<ul style="list-style-type: none"> Radio & Television 9-12 Industrial Arts 7-12, K-12 English 7-12 and work experience in communications/media Journalism 7-12 	<ul style="list-style-type: none"> Radio & Television 9-12 Occupational Specialist: Marketing: Radio & Television 9-12 Industrial Technology K-12 Industrial Education K-12 English 9-12 and work experience in communications/media Journalism 9-12 	<ul style="list-style-type: none"> Workplace Specialist: Marketing: Radio/TV/Telecommunications Technology Education with high school setting Language Arts with high school setting and work experience in communications/media Journalism with high school setting 	<ul style="list-style-type: none"> Workplace Specialist: Radio & TV 9-12 Technology Education 5-12 Journalism 5-12 Language Arts 5-12 and work experience in communications/media Workplace Specialist: Interactive Media 9-12 CTE: Trade & Industrial: Interactive Media 5-12 CTE: Trade & Industrial: Radio & TV 5-12
Radio & TV Broadcasting	7306	Audio and Video Production Essentials	Arts, Entertainment & Design	AUD VID PROD	<ul style="list-style-type: none"> Radio & Television 9-12 Industrial Arts 7-12, K-12 English 7-12 and work experience in communications/media Journalism 7-12 	<ul style="list-style-type: none"> Radio & Television 9-12 Occupational Specialist: Marketing: Radio & Television 9-12 Industrial Technology K-12 Industrial Education K-12 English 9-12 and work experience in communications/media Journalism 9-12 	<ul style="list-style-type: none"> Workplace Specialist: Marketing: Radio/TV/Telecommunications Technology Education with high school setting Language Arts with high school setting and work experience in communications/media Journalism with high school setting 	<ul style="list-style-type: none"> Workplace Specialist: Radio & TV 9-12 Technology Education 5-12 Journalism 5-12 Language Arts 5-12 and work experience in communications/media Workplace Specialist: Interactive Media 9-12 CTE: Trade & Industrial: Interactive Media 5-12 CTE: Trade & Industrial: Radio & TV 5-12

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
Radio & TV Broadcasting	7307	Mass Media Production	Arts, Entertainment & Design	MASS MED PROD	<ul style="list-style-type: none"> Radio & Television 9-12 Industrial Arts 7-12, K-12 English 7-12 and work experience in communications/media Journalism 7-12 	<ul style="list-style-type: none"> Radio & Television 9-12 Occupational Specialist: Marketing: Radio & Television 9-12 Industrial Technology K-12 Industrial Education K-12 English 9-12 and work experience in communications/media Journalism 9-12 	<ul style="list-style-type: none"> Workplace Specialist: Marketing: Radio/TV/Telecommunications Technology Education with high school setting Language Arts with high school setting and work experience in communications/media Journalism with high school setting 	<ul style="list-style-type: none"> Workplace Specialist: Radio & TV 9-12 Technology Education 5-12 Journalism 5-12 Language Arts 5-12 and work experience in communications/media Workplace Specialist: Interactive Media 9-12 CTE: Trade & Industrial: Interactive Media 5-12 CTE: Trade & Industrial: Radio & TV 5-12
Radio & TV Broadcasting	7308	Radio & TV Broadcasting Capstone	Arts, Entertainment & Design	RAD TV BROAD CAP	<ul style="list-style-type: none"> Radio & Television 9-12 Industrial Arts 7-12, K-12 English 7-12 and work experience in communications/media Journalism 7-12 	<ul style="list-style-type: none"> Radio & Television 9-12 Occupational Specialist: Marketing: Radio & Television 9-12 Industrial Technology K-12 Industrial Education K-12 English 9-12 and work experience in communications/media Journalism 9-12 	<ul style="list-style-type: none"> Workplace Specialist: Marketing: Radio/TV/Telecommunications Technology Education with high school setting Language Arts with high school setting and work experience in communications/media Journalism with high school setting 	<ul style="list-style-type: none"> Workplace Specialist: Radio & TV 9-12 Technology Education 5-12 Journalism 5-12 Language Arts 5-12 and work experience in communications/media Workplace Specialist: Interactive Media 9-12 CTE: Trade & Industrial: Interactive Media 5-12 CTE: Trade & Industrial: Radio & TV 5-12
	6142	Advanced Career & Technical Education, College Credit: Business, Marketing, and Entrepreneurship	Marketing, Sales & Entrepreneurship	ADV BUS CC BME	<ul style="list-style-type: none"> Appropriate Vocational License Business Education 7- 12 Distributive Education K-12 	<ul style="list-style-type: none"> Appropriate Vocational license Business Education 9-12 Marketing Education 9-12 Distributive Education K-12 Business Education with Vocational Endorsement 9-12 Occupational Specialist in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Appropriate CTE License with high school setting Business with high school setting CTE: Marketing with high school setting CTE: Business Services & Technology with high school setting Workplace Specialist in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Appropriate CTE License 5-12 Business 5-12 CTE: Business Services & Technology 5-12 CTE: Business & Information Technology 5-12 CTE: Marketing 5-12 Workplace Specialist in related course approved for a CTE Pathway
	5968	Business, Marketing and Entrepreneurship: Special Topics	Marketing, Sales & Entrepreneurship	BME ST	<ul style="list-style-type: none"> Appropriate Vocational License Business Education 7- 12 Distributive Education K-12 	<ul style="list-style-type: none"> Appropriate Vocational license Business Education 9-12 Marketing Education 9-12 Distributive Education K-12 Business Education with Vocational Endorsement 9-12 Occupational Specialist in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Appropriate CTE License with high school setting Business with high school setting CTE: Marketing with high school setting CTE: Business Services & Technology with high school setting Workplace Specialist in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Appropriate CTE License 5-12 Business 5-12 CTE: Business Services & Technology 5-12 CTE: Business & Information Technology 5-12 CTE: Marketing 5-12 Workplace Specialist in related course approved for a CTE Pathway
	4518	Introduction to Business	Business Management	INTO BUSS	<ul style="list-style-type: none"> Business Education 7- 12 Distributive Education K-12 	<ul style="list-style-type: none"> Business Education 9-12 Marketing Education 9-12 Distributive Education K-12 Business Education with Vocational Endorsement 9-12 Occupational Specialist I, II or III in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Business with high school setting CTE: Marketing with high school setting CTE: Business Services & Technology with high school setting Workplace Specialist I or II in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Business 5-12 CTE: Business Services & Technology 5-12 CTE: Business & Information Technology 5-12 CTE: Marketing 5-12 Workplace Specialist I or II in related course approved for a CTE pathway
	5967	Introduction to Entrepreneurship	Marketing, Sales & Entrepreneurship	INTO ENTR	<ul style="list-style-type: none"> Business Education 7- 12 Distributive Education K-12 	<ul style="list-style-type: none"> Business Education 9-12 Marketing Education 9-12 Distributive Education K-12 Business Education with Vocational Endorsement 9-12 Occupational Specialist I, II or III in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Business with high school setting CTE: Marketing with high school setting CTE: Business Services & Technology with high school setting Workplace Specialist I or II in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Business 5-12 CTE: Business Services & Technology 5-12 CTE: Business & Information Technology 5-12 CTE: Marketing 5-12 Workplace Specialist I or II in related course approved for a CTE pathway
	5966	Entrepreneurship and New Ventures Capstone	Marketing, Sales & Entrepreneurship	ENT VENT CAP	<ul style="list-style-type: none"> Business Education 7- 12 Business Education with Vocational Business Endorsement 7-12 Distributive Education K-12 	<ul style="list-style-type: none"> Business Education 9-12 Business Education with Vocational Business Endorsement 9-12 Marketing Education 9-12 Distributive Education K-12 Occupational Specialist: Business: Entrepreneurship / Small Business Ownership 9-12 	<ul style="list-style-type: none"> Business with high school setting CTE: Business Services & Technology with high school setting CTE: Marketing with high school setting Workplace Specialist: Marketing: Entrepreneurship / Small Business Ownership 	<ul style="list-style-type: none"> Business 5-12 CTE: Business Services & Technology 5-12 CTE: Business & Information Technology 5-12 CTE: Marketing 5-12 Workplace Specialist: Entrepreneurship 9-12
	4512	Business Math	CTE Foundational	BUS MATH	<ul style="list-style-type: none"> Business Education 7- 12 Distributive Education K-12 Mathematics 7-12 	<ul style="list-style-type: none"> Business Education 9-12 Marketing Education 9-12 Distributive Education K-12 Business Education with Vocational Endorsement 9-12 Mathematics 9-12 General Math 5-12 	<ul style="list-style-type: none"> Business with high school setting CTE: Marketing with high school setting CTE: Business Services & Technology with high school setting Mathematics with high school setting 	<ul style="list-style-type: none"> Business 5-12 Mathematics 5-12 CTE: Marketing 5-12 CTE: Business Services & Technology 5-12 CTE: Business & Information Technology 5-12

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
Business Administration	4562	Principles of Business Management	Business Management	PRIN BUS	<ul style="list-style-type: none"> Business Education 7-12 Distributive Education K-12 	<ul style="list-style-type: none"> Business Education 9-12 Marketing Education 9-12 Distributive Education K-12 Business Education with Vocational Endorsement 9-12 Occupational Specialist I, II or III in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Business with high school setting CTE: Marketing with high school setting CTE: Business Services & Technology with high school setting Workplace Specialist I or II in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Business 5-12 CTE: Business Services & Technology 5-12 CTE: Business & Information Technology 5-12 CTE: Marketing 5-12 Workplace Specialist: Advanced Business Management 9-12 Workplace Specialist I or II in related course approved for a CTE pathway
Business Administration	7143	Management Fundamentals	Business Management	MGMT FUND	<ul style="list-style-type: none"> Business Education 7-12 Distributive Education K-12 	<ul style="list-style-type: none"> Business Education 9-12 Marketing Education 9-12 Distributive Education K-12 Business Education with Vocational Endorsement 9-12 Occupational Specialist I, II or III in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Business with high school setting CTE: Marketing with high school setting CTE: Business Services & Technology with high school setting Workplace Specialist I or II in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Business 5-12 CTE: Business Services & Technology 5-12 CTE: Business & Information Technology 5-12 CTE: Marketing 5-12 Workplace Specialist: Advanced Business Management 9-12 Workplace Specialist I or II in related course approved for a CTE pathway
Business Administration	4524	Accounting Fundamentals	Business Management	ACCT FUND	<ul style="list-style-type: none"> Business Education 7-12 Distributive Education K-12 	<ul style="list-style-type: none"> Business Education 9-12 Marketing Education 9-12 Distributive Education K-12 Business Education with Vocational Endorsement 9-12 Occupational Specialist I, II or III in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Business with high school setting CTE: Marketing with high school setting CTE: Business Services & Technology with high school setting Workplace Specialist: Accounting & Finance 9-12 	<ul style="list-style-type: none"> Business 5-12 CTE: Business Services & Technology 5-12 CTE: Business & Information Technology 5-12 CTE: Marketing 5-12 Workplace Specialist: Accounting & Finance 9-12 CTE: Trade & Industrial: Accounting & Finance 5-12
Business Administration	7256	Business Administration Capstone	Business Management	BUS ADMIN CAP	<ul style="list-style-type: none"> Business Education 7-12 Distributive Education K-12 	<ul style="list-style-type: none"> Business Education 9-12 Marketing Education 9-12 Distributive Education K-12 Business Education with Vocational Endorsement 9-12 Occupational Specialist I, II or III in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Business with high school setting CTE: Marketing with high school setting CTE: Business Services & Technology with high school setting Workplace Specialist I or II in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Business 5-12 CTE: Business Services & Technology 5-12 CTE: Business & Information Technology 5-12 CTE: Marketing 5-12 Workplace Specialist: Advanced Business Management 9-12 Workplace Specialist I or II in related course approved for a CTE pathway
Accounting	4522	Advanced Accounting	Financial Services	ADV ACC	<ul style="list-style-type: none"> Business Education 7-12 Distributive Education K-12 	<ul style="list-style-type: none"> Business Education 9-12 Marketing Education 9-12 Distributive Education K-12 Business Education with Vocational Endorsement 9-12 	<ul style="list-style-type: none"> Business with high school setting CTE: Marketing with high school setting CTE: Business Services & Technology with high school setting Workplace Specialist: Business: Accounting & Finance 	<ul style="list-style-type: none"> Business 5-12 CTE: Business Services & Technology 5-12 CTE: Business & Information Technology 5-12 CTE: Marketing 5-12 Workplace Specialist: Accounting & Finance 9-12 CTE: Trade & Industrial: Accounting & Finance 5-12
Accounting	7252	Accounting Capstone	Financial Services	ACCT CAP	<ul style="list-style-type: none"> Business Education 7-12 Distributive Education K-12 	<ul style="list-style-type: none"> Business Education 9-12 Marketing Education 9-12 Distributive Education K-12 Business Education with Vocational Endorsement 9-12 	<ul style="list-style-type: none"> Business with high school setting CTE: Marketing with high school setting CTE: Business Services & Technology with high school setting Workplace Specialist: Business: Accounting & Finance 	<ul style="list-style-type: none"> Business 5-12 CTE: Business Services & Technology 5-12 CTE: Business & Information Technology 5-12 CTE: Marketing 5-12 Workplace Specialist: Accounting & Finance 9-12 CTE: Trade & Industrial: Accounting & Finance 5-12
Finance and Investment	7150	Personal Finance and Banking	Financial Services	PERSON FIN/BNK	<ul style="list-style-type: none"> Business Education 7-12 Distributive Education K-12 	<ul style="list-style-type: none"> Business Education 9-12 Marketing Education 9-12 Distributive Education K-12 Business Education with Vocational Endorsement 9-12 	<ul style="list-style-type: none"> Business with high school setting CTE: Marketing with high school setting CTE: Business Services & Technology with high school setting Workplace Specialist: Business: Accounting & Finance 	<ul style="list-style-type: none"> Business 5-12 CTE: Business Services & Technology 5-12 CTE: Business & Information Technology 5-12 CTE: Marketing 5-12 Workplace Specialist: Accounting & Finance 9-12 CTE: Trade & Industrial: Accounting & Finance 5-12
Finance and Investment	5258	Finance and Investment	Financial Services	FIN INVEST	<ul style="list-style-type: none"> Business Education 7-12 Distributive Education K-12 	<ul style="list-style-type: none"> Business Education 9-12 Marketing Education 9-12 Distributive Education K-12 Business Education with Vocational Endorsement 9-12 	<ul style="list-style-type: none"> Business with high school setting CTE: Marketing with high school setting CTE: Business Services & Technology with high school setting Workplace Specialist: Business: Accounting & Finance 	<ul style="list-style-type: none"> Business 5-12 CTE: Business Services & Technology 5-12 CTE: Business & Information Technology 5-12 CTE: Marketing 5-12 Workplace Specialist: Accounting & Finance 9-12 CTE: Trade & Industrial: Accounting & Finance 5-12

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
Finance and Investment	7265	Finance and Investment Capstone	Financial Services	FIN CAP	<ul style="list-style-type: none"> ● Business Education 7-12 ● Distributive Education K-12 	<ul style="list-style-type: none"> ● Business Education 9-12 ● Marketing Education 9-12 ● Distributive Education K-12 ● Business Education with Vocational Endorsement 9-12 	<ul style="list-style-type: none"> ● Business with high school setting ● CTE: Marketing with high school setting ● CTE: Business Services & Technology with high school setting ● Workplace Specialist: Business: Accounting & Finance 	<ul style="list-style-type: none"> ● Business 5-12 ● CTE: Business Services & Technology 5-12 ● CTE: Business & Information Technology 5-12 ● CTE: Marketing 5-12 ● Workplace Specialist: Accounting & Finance 9-12 ● CTE: Trade & Industrial: Accounting & Finance 5-12
Marketing and Sales	5914	Marketing Fundamentals	Marketing, Sales & Entrepreneurship	MRKT FUND	<ul style="list-style-type: none"> ● Business Education 7-12 ● Distributive Education K-12 	<ul style="list-style-type: none"> ● Business Education 9-12 ● Marketing Education 9-12 ● Distributive Education K-12 ● Business Education with Vocational Endorsement 9-12 ● Occupational Specialist with specific experience in strategic marketing 	<ul style="list-style-type: none"> ● Business with high school setting ● CTE: Marketing with high school setting ● CTE: Business Services & Technology with high school setting ● Workplace Specialist with specific experience in strategic marketing 	<ul style="list-style-type: none"> ● Business 5-12 ● CTE: Marketing 5-12 ● CTE: Business Services & Technology 5-12 ● CTE: Business & Information Technology 5-12 ● Workplace Specialist with specific experience in strategic marketing
Marketing and Sales	7145	Digital Marketing	Marketing, Sales & Entrepreneurship	DGTL MARK	<ul style="list-style-type: none"> ● Distributive Education 9-12 	<ul style="list-style-type: none"> ● Marketing Education 9-12 ● Distributive Education K-12 ● Business Education with Vocational Endorsement 9-12 ● Occupational Specialist with specific experience in strategic marketing 	<ul style="list-style-type: none"> ● CTE: Marketing with high school setting ● CTE: Business Services & Technology with high school setting ● Workplace Specialist with specific experience in strategic marketing 	<ul style="list-style-type: none"> ● CTE: Marketing 5-12 ● CTE: Business Services & Technology 5-12 ● CTE: Business & Information Technology 5-12 ● Workplace Specialist with specific experience in strategic marketing
Marketing and Sales	5918	Strategic Marketing	Marketing, Sales & Entrepreneurship	STRT MRKT	<ul style="list-style-type: none"> ● Distributive Education 9-12 	<ul style="list-style-type: none"> ● Marketing Education 9-12 ● Distributive Education K-12 ● Business Education with Vocational Endorsement 9-12 ● Occupational Specialist with specific experience in strategic marketing 	<ul style="list-style-type: none"> ● CTE: Marketing with high school setting ● CTE: Business Services & Technology with high school setting ● Workplace Specialist with specific experience in strategic marketing 	<ul style="list-style-type: none"> ● CTE: Marketing 5-12 ● CTE: Business Services & Technology 5-12 ● CTE: Business & Information Technology 5-12 ● Workplace Specialist with specific experience in strategic marketing
Entrepreneurship	7201	Small Business Operations Capstone	Business Management	BUS MGMT CAP	<ul style="list-style-type: none"> ● Business Education 7-12 ● Distributive Education K-12 	<ul style="list-style-type: none"> ● Business Education 9-12 ● Marketing Education 9-12 ● Distributive Education K-12 ● Business Education with Vocational Endorsement 9-12 ● Occupational Specialist I, II or III in related course approved for a CTE pathway 	<ul style="list-style-type: none"> ● Business with high school setting ● CTE: Marketing with high school setting ● CTE: Business Services & Technology with high school setting ● Workplace Specialist I or II in related course approved for a CTE pathway 	<ul style="list-style-type: none"> ● Business 5-12 ● CTE: Business Services & Technology 5-12 ● CTE: Business & Information Technology 5-12 ● CTE: Marketing 5-12 ● Workplace Specialist: Advanced Business Management 9-12 ● Workplace Specialist I or II in related course approved for a CTE pathway
Supply Chain and Logistics	7155	Logistics Management	Supply Chain & Transportation	LOG MGMT	<ul style="list-style-type: none"> ● Business Education 7-12 ● Distributive Education K-12 	<ul style="list-style-type: none"> ● Business Education 9-12 ● Marketing Education 9-12 ● Distributive Education K-12 ● Business Education with Vocational Endorsement 9-12 ● Occupational Specialist I, II or III in related course approved for a CTE pathway 	<ul style="list-style-type: none"> ● CTE: Trade & Industrial: Logistics ● Business with high school setting ● Workplace Specialist I or II in related course approved for a CTE pathway ● CTE: Marketing with high school setting ● CTE: Business & Information Technology 5-12 ● CTE: Business Services & Technology 5-12 ● Workplace Specialist: Logistics 	<ul style="list-style-type: none"> ● Business 5-12 ● CTE: Trade & Industrial: Logistics 5-12 ● CTE: Business & Information Technology 5-12 ● CTE: Business Services & Technology 5-12 ● Workplace Specialist: Logistics 9-12 ● CTE: Marketing 5-12 ● Workplace Specialist: Advanced Business Management 9-12 ● Workplace Specialist I or II in related course approved for a CTE pathway
Supply Chain and Logistics	7142	Supply Chain Management	Supply Chain & Transportation	SUP CH MGMT	<ul style="list-style-type: none"> ● Business Education 7-12 ● Distributive Education K-12 	<ul style="list-style-type: none"> ● Business Education 9-12 ● Marketing Education 9-12 ● Distributive Education K-12 ● Business Education with Vocational Endorsement 9-12 ● Occupational Specialist I, II or III in related course approved for a CTE pathway 	<ul style="list-style-type: none"> ● CTE: Trade & Industrial: Logistics ● Business with high school setting ● Workplace Specialist I or II in related course approved for a CTE pathway ● CTE: Marketing with high school setting ● CTE: Business & Information Technology 5-12 ● CTE: Business Services & Technology 5-12 ● Workplace Specialist: Logistics 	<ul style="list-style-type: none"> ● Business 5-12 ● CTE: Trade & Industrial: Logistics 5-12 ● CTE: Business & Information Technology 5-12 ● CTE: Business Services & Technology 5-12 ● Workplace Specialist: Logistics 9-12 ● CTE: Marketing 5-12 ● Workplace Specialist: Advanced Business Management 9-12 ● Workplace Specialist I or II in related course approved for a CTE pathway
Supply Chain and Logistics	7258	Supply Chain Management Capstone	Supply Chain & Transportation	SUP CH MGMT CAP	<ul style="list-style-type: none"> ● Business Education 7-12 ● Distributive Education K-12 	<ul style="list-style-type: none"> ● Business Education 9-12 ● Marketing Education 9-12 ● Distributive Education K-12 ● Business Education with Vocational Endorsement 9-12 ● Occupational Specialist I, II or III in related course approved for a CTE pathway 	<ul style="list-style-type: none"> ● CTE: Trade & Industrial: Logistics ● Business with high school setting ● Workplace Specialist I or II in related course approved for a CTE pathway ● CTE: Marketing with high school setting ● CTE: Business & Information Technology 5-12 ● CTE: Business Services & Technology 5-12 ● Workplace Specialist: Logistics 	<ul style="list-style-type: none"> ● Business 5-12 ● CTE: Trade & Industrial: Logistics 5-12 ● CTE: Business & Information Technology 5-12 ● CTE: Business Services & Technology 5-12 ● Workplace Specialist: Logistics 9-12 ● CTE: Marketing 5-12 ● Workplace Specialist: Advanced Business Management 9-12 ● Workplace Specialist I or II in related course approved for a CTE pathway

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
Insurance	7149	Insurance Fundamentals	Financial Services	INS FUN	<ul style="list-style-type: none"> Business Education 7-12 Distributive Education K-12 	<ul style="list-style-type: none"> Business Education 9-12 Marketing Education 9-12 Distributive Education K-12 Business Education with Vocational Endorsement 9-12 	<ul style="list-style-type: none"> Business with high school setting CTE: Marketing with high school setting CTE: Business Services & Technology with high school setting Workplace Specialist: Business: Accounting & Finance 	<ul style="list-style-type: none"> Business 5-12 CTE: Business Services & Technology 5-12 CTE: Business & Information Technology 5-12 CTE: Marketing 5-12 Workplace Specialist: Accounting & Finance 9-12 CTE: Trade & Industrial: Accounting & Finance 5-12
Insurance	7151	Personal and Commercial Insurance	Financial Services	PER PROP INS	<ul style="list-style-type: none"> Business Education 7-12 Distributive Education K-12 	<ul style="list-style-type: none"> Business Education 9-12 Marketing Education 9-12 Distributive Education K-12 Business Education with Vocational Endorsement 9-12 	<ul style="list-style-type: none"> Business with high school setting CTE: Marketing with high school setting CTE: Business Services & Technology with high school setting Workplace Specialist: Business: Accounting & Finance 	<ul style="list-style-type: none"> Business 5-12 CTE: Business Services & Technology 5-12 CTE: Business & Information Technology 5-12 CTE: Marketing 5-12 Workplace Specialist: Accounting & Finance 9-12 CTE: Trade & Industrial: Accounting & Finance 5-12
Entrepreneurship	7154	Principles of Entrepreneurship	Marketing, Sales & Entrepreneurship	PRIN ENTR	<ul style="list-style-type: none"> Business Education 7-12 Distributive Education K-12 	<ul style="list-style-type: none"> Business Education 9-12 Marketing Education 9-12 Distributive Education K-12 Business Education with Vocational Endorsement 9-12 Occupational Specialist I, II or III in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Business with high school setting CTE: Marketing with high school setting CTE: Business Services & Technology with high school setting Workplace Specialist I or II in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Business 5-12 CTE: Business Services & Technology 5-12 CTE: Business & Information Technology 5-12 CTE: Marketing 5-12 Workplace Specialist I or II in related course approved for a CTE pathway Workplace Specialist: Entrepreneurship 9-12 CTE: Trade & Industrial: Entrepreneurship 5-12
Entrepreneurship	7148	New Venture Development	Marketing, Sales & Entrepreneurship	NEW VENT	<ul style="list-style-type: none"> Business Education 7-12 Distributive Education K-12 	<ul style="list-style-type: none"> Business Education 9-12 Marketing Education 9-12 Distributive Education K-12 Business Education with Vocational Endorsement 9-12 Occupational Specialist I, II or III in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Business with high school setting CTE: Marketing with high school setting CTE: Business Services & Technology with high school setting Workplace Specialist I or II in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Business 5-12 CTE: Business Services & Technology 5-12 CTE: Business & Information Technology 5-12 CTE: Marketing 5-12 Workplace Specialist I or II in related course approved for a CTE pathway Workplace Specialist: Entrepreneurship 9-12 CTE: Trade & Industrial: Entrepreneurship 5-12
Entrepreneurship	7147	Entrepreneurial Operations	Marketing, Sales & Entrepreneurship	SM BUS OPER	<ul style="list-style-type: none"> Business Education 7-12 Distributive Education K-12 	<ul style="list-style-type: none"> Business Education 9-12 Marketing Education 9-12 Distributive Education K-12 Business Education with Vocational Endorsement 9-12 Occupational Specialist I, II or III in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Business with high school setting CTE: Marketing with high school setting CTE: Business Services & Technology with high school setting Workplace Specialist I or II in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Business 5-12 CTE: Business Services & Technology 5-12 CTE: Business & Information Technology 5-12 CTE: Marketing 5-12 Workplace Specialist I or II in related course approved for a CTE pathway Workplace Specialist: Entrepreneurship 9-12 CTE: Trade & Industrial: Entrepreneurship 5-12
Business Operations and Technology	7153	Principles of Business Operations and Technology	Business Management	PRIN BUS OP TECH	<ul style="list-style-type: none"> Business Education 7-12 Distributive Education K-12 	<ul style="list-style-type: none"> Business Education 9-12 Marketing Education 9-12 Distributive Education K-12 Business Education with Vocational Endorsement 9-12 	<ul style="list-style-type: none"> Business with high school setting CTE: Marketing with high school setting CTE: Business Services & Technology with high school setting 	<ul style="list-style-type: none"> Business 5-12 CTE: Business Services & Technology 5-12 CTE: Business & Information Technology 5-12 CTE: Marketing 5-12 Workplace Specialist: Advanced Business Management 9-12
Business Operations and Technology	7144	Business Office Communications	Business Management	BUS OFF COMM	<ul style="list-style-type: none"> Business Education 7-12 Distributive Education K-12 	<ul style="list-style-type: none"> Business Education 9-12 Marketing Education 9-12 Distributive Education K-12 Business Education with Vocational Endorsement 9-12 	<ul style="list-style-type: none"> Business with high school setting CTE: Marketing with high school setting CTE: Business Services & Technology with high school setting 	<ul style="list-style-type: none"> Business 5-12 CTE: Business Services & Technology 5-12 CTE: Business & Information Technology 5-12 CTE: Marketing 5-12 Workplace Specialist: Advanced Business Management 9-12
Business Operations and Technology	7146	Digital Data Applications	Business Management	DGTL REC KEEP	<ul style="list-style-type: none"> Business Education 7-12 Distributive Education K-12 	<ul style="list-style-type: none"> Business Education 9-12 Marketing Education 9-12 Distributive Education K-12 Business Education with Vocational Endorsement 9-12 	<ul style="list-style-type: none"> Business with high school setting CTE: Marketing with high school setting CTE: Business Services & Technology with high school setting 	<ul style="list-style-type: none"> Business 5-12 CTE: Business Services & Technology 5-12 CTE: Business & Information Technology 5-12 CTE: Marketing 5-12 Workplace Specialist: Advanced Business Management 9-12
Business Operations and Technology	7254	Business Operations and Technology Capstone	Business Management	BUS OPER CAP	<ul style="list-style-type: none"> Business Education 7-12 Distributive Education K-12 	<ul style="list-style-type: none"> Business Education 9-12 Marketing Education 9-12 Distributive Education K-12 Business Education with Vocational Endorsement 9-12 	<ul style="list-style-type: none"> Business with high school setting CTE: Marketing with high school setting CTE: Business Services & Technology with high school setting 	<ul style="list-style-type: none"> Business 5-12 CTE: Business Services & Technology 5-12 CTE: Business & Information Technology 5-12 CTE: Marketing 5-12 Workplace Specialist: Advanced Business Management 9-12

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
	6140	Advanced Career & Technical Education, College Credit: Education and Training	Education	ADV CTE CC ET	<ul style="list-style-type: none"> ● Vocational Home Economics K-12 ● A teacher with an Elementary, Early Childhood or Psychology license with proof of 5 years teaching experience 	<ul style="list-style-type: none"> ● Consumer Homemaking Education 9-12 ● Occupational Education (FACS) 9-12 ● A teacher with an Elementary, Early Childhood or Psychology license with proof of 5 years teaching experience 	<ul style="list-style-type: none"> ● CTE: Family & Consumer Sciences with high school setting ● Workplace Specialist: Early Childhood Education and Services ● A teacher with an Elementary, Early Childhood or Psychology license with proof of 5 years teaching experience 	<ul style="list-style-type: none"> ● CTE: Family & Consumer Sciences 5-12 ● Workplace Specialist: Early Childhood Education and Services 9-12 ● A teacher with an Elementary, Early Childhood or Psychology license with proof of 5 years teaching experience
	5976	Education and Training: Special Topics	Education	ET ST	<ul style="list-style-type: none"> ● Appropriate Vocational License ● Vocational Home Economics K-12 ● Any valid teaching license with proof of 5 years teaching experience 	<ul style="list-style-type: none"> ● Appropriate Vocational License ● Consumer Homemaking Education 9-12 ● Occupational Education (FACS) 9-12 ● Any valid teaching license with proof of 5 years teaching experience 	<ul style="list-style-type: none"> ● Appropriate CTE License ● CTE: Family & Consumer Sciences with high school setting ● Any valid teaching license with proof of 5 years teaching experience 	<ul style="list-style-type: none"> ● Appropriate CTE License ● CTE: Family & Consumer Sciences 5-12 ● Workplace Specialist: Education Professions 9-12 ● Any valid teaching license with proof of 5 years teaching experience
	5415	Exploring Education Professions	Education	EX ED	<ul style="list-style-type: none"> ● Any valid teaching license with proof of 5 years teaching experience 	<ul style="list-style-type: none"> ● Any valid teaching license with proof of 5 years teaching experience 	<ul style="list-style-type: none"> ● Any valid teaching license with proof of 5 years teaching experience 	<ul style="list-style-type: none"> ● Any valid teaching license with proof of 5 years teaching experience
Early Childhood	7160	Principles of Early Childhood Education	Education	PRIN EAR CH ED	<ul style="list-style-type: none"> ● Vocational Home Economics K-12 ● A teacher with an Elementary, Early Childhood or Psychology license with proof of 5 years teaching experience 	<ul style="list-style-type: none"> ● Consumer Homemaking Education 9-12 ● Occupational Education (FACS) 9-12 ● A teacher with an Elementary, Early Childhood or Psychology license with proof of 5 years teaching experience 	<ul style="list-style-type: none"> ● CTE: Family & Consumer Sciences with high school setting ● Workplace Specialist: Early Childhood Education and Services ● A teacher with an Elementary, Early Childhood or Psychology license with proof of 5 years teaching experience 	<ul style="list-style-type: none"> ● CTE: Family & Consumer Sciences 5-12 ● Workplace Specialist: Early Childhood Education and Services 9-12 ● A teacher with an Elementary, Early Childhood or Psychology license with proof of 5 years teaching experience
Early Childhood	7158	Early Childhood Education Curriculum	Education	EAR CHD ED CUR	<ul style="list-style-type: none"> ● Vocational Home Economics K-12 ● A teacher with an Elementary, Early Childhood or Psychology license with proof of 5 years teaching experience 	<ul style="list-style-type: none"> ● Consumer Homemaking Education 9-12 ● Occupational Education (FACS) 9-12 ● A teacher with an Elementary, Early Childhood or Psychology license with proof of 5 years teaching experience 	<ul style="list-style-type: none"> ● CTE: Family & Consumer Sciences with high school setting ● Workplace Specialist: Early Childhood Education and Services ● A teacher with an Elementary, Early Childhood or Psychology license with proof of 5 years teaching experience 	<ul style="list-style-type: none"> ● CTE: Family & Consumer Sciences 5-12 ● Workplace Specialist: Early Childhood Education and Services 9-12 ● A teacher with an Elementary, Early Childhood or Psychology license with proof of 5 years teaching experience
Early Childhood	7159	Early Childhood Education Guidance	Education	EAR CHD ED GD	<ul style="list-style-type: none"> ● Vocational Home Economics K-12 ● A teacher with an Elementary, Early Childhood or Psychology license with proof of 5 years teaching experience 	<ul style="list-style-type: none"> ● Consumer Homemaking Education 9-12 ● Occupational Education (FACS) 9-12 ● A teacher with an Elementary, Early Childhood or Psychology license with proof of 5 years teaching experience 	<ul style="list-style-type: none"> ● CTE: Family & Consumer Sciences with high school setting ● Workplace Specialist: Early Childhood Education and Services ● A teacher with an Elementary, Early Childhood or Psychology license with proof of 5 years teaching experience 	<ul style="list-style-type: none"> ● CTE: Family & Consumer Sciences 5-12 ● Workplace Specialist: Early Childhood Education and Services 9-12 ● A teacher with an Elementary, Early Childhood or Psychology license with proof of 5 years teaching experience
Early Childhood	7259	Early Childhood Education Capstone	Education	ERLY CHILD CAP	<ul style="list-style-type: none"> ● Vocational Home Economics K-12 ● A teacher with an Elementary, Early Childhood or Psychology license with proof of 5 years teaching experience 	<ul style="list-style-type: none"> ● Consumer Homemaking Education 9-12 ● Occupational Education (FACS) 9-12 ● A teacher with an Elementary, Early Childhood or Psychology license with proof of 5 years teaching experience 	<ul style="list-style-type: none"> ● CTE: Family & Consumer Sciences with high school setting ● Workplace Specialist: Early Childhood Education and Services ● A teacher with an Elementary, Early Childhood or Psychology license with proof of 5 years teaching experience 	<ul style="list-style-type: none"> ● CTE: Family & Consumer Sciences 5-12 ● Workplace Specialist: Early Childhood Education and Services 9-12 ● A teacher with an Elementary, Early Childhood or Psychology license with proof of 5 years teaching experience
Education Professions	7161	Principles of Teaching	Education	PRIN TEACH	<ul style="list-style-type: none"> ● Vocational Home Economics K-12 ● Any valid teaching license with proof of 5 years teaching experience 	<ul style="list-style-type: none"> ● Consumer Homemaking Education 9-12 ● Occupational Education (FACS) 9-12 ● Any valid teaching license with proof of 5 years teaching experience 	<ul style="list-style-type: none"> ● CTE: Family & Consumer Sciences with high school setting ● Any valid teaching license with proof of 5 years teaching experience 	<ul style="list-style-type: none"> ● CTE: Family & Consumer Sciences 5-12 ● Workplace Specialist: Education Professions 9-12 ● Any valid teaching license with proof of 5 years teaching experience
Education Professions	7157	Child and Adolescent Development	Education	CHLD ADL DEV	<ul style="list-style-type: none"> ● Vocational Home Economics K-12 ● Any valid teaching license with proof of 5 years teaching experience 	<ul style="list-style-type: none"> ● Consumer Homemaking Education 9-12 ● Occupational Education (FACS) 9-12 ● Any valid teaching license with proof of 5 years teaching experience 	<ul style="list-style-type: none"> ● CTE: Family & Consumer Sciences with high school setting ● Any valid teaching license with proof of 5 years teaching experience 	<ul style="list-style-type: none"> ● CTE: Family & Consumer Sciences 5-12 ● Workplace Specialist: Education Professions 9-12 ● Any valid teaching license with proof of 5 years teaching experience
Education Professions	7162	Teaching and Learning	Education	TEACH LRN	<ul style="list-style-type: none"> ● Vocational Home Economics K-12 ● Any valid teaching license with proof of 5 years teaching experience 	<ul style="list-style-type: none"> ● Consumer Homemaking Education 9-12 ● Occupational Education (FACS) 9-12 ● Any valid teaching license with proof of 5 years teaching experience 	<ul style="list-style-type: none"> ● CTE: Family & Consumer Sciences with high school setting ● Any valid teaching license with proof of 5 years teaching experience 	<ul style="list-style-type: none"> ● CTE: Family & Consumer Sciences 5-12 ● Workplace Specialist: Education Professions 9-12 ● Any valid teaching license with proof of 5 years teaching experience
Education Professions	7267	Education Professions Capstone	Education	ED PROF CAP	<ul style="list-style-type: none"> ● Vocational Home Economics K-12 ● Any valid teaching license with proof of 5 years teaching experience 	<ul style="list-style-type: none"> ● Consumer Homemaking Education 9-12 ● Occupational Education (FACS) 9-12 ● Any valid teaching license with proof of 5 years teaching experience 	<ul style="list-style-type: none"> ● CTE: Family & Consumer Sciences with high school setting ● Any valid teaching license with proof of 5 years teaching experience 	<ul style="list-style-type: none"> ● CTE: Family & Consumer Sciences 5-12 ● Workplace Specialist: Education Professions 9-12 ● Any valid teaching license with proof of 5 years teaching experience
	6138	Advanced Career & Technical Education, College Credit: Health and Human Services	Health & Human Service	ADV CTE CC HSCI	<ul style="list-style-type: none"> ● No License Available 	<ul style="list-style-type: none"> ● Any Standard Health Occupations License 9-12 ● Any Occupational Specialist I, II or III in Health Occupation 9-12 	<ul style="list-style-type: none"> ● CTE: Health Occupations with high school setting ● Workplace Specialist: Health Careers ● Workplace Specialist: Dental Careers 	<ul style="list-style-type: none"> ● CTE: Health Occupations 5-12 ● Workplace Specialist: Any Health Careers license 9-12 ● Workplace Specialist: Dental Careers 9-12

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
	5286	Health Science Education II: Special Topics	Health & Human Service	HSE II ST	● No License Available	<ul style="list-style-type: none"> Any Standard Health Occupations License 9-12 Any Occupational Specialist I, II or III in Health Occupation 9-12 	<ul style="list-style-type: none"> CTE: Health Occupations with high school setting Workplace Specialist: Health Careers Workplace Specialist: Dental Careers 	<ul style="list-style-type: none"> CTE: Health Occupations 5-12 Workplace Specialist: Any Health Careers license 9-12 Workplace Specialist: Dental Careers 9-12
	5272	Introduction to Health Science Careers	Health & Human Service	INTRO HS CAREERS	● No License Available	<ul style="list-style-type: none"> Any Standard Health Occupations License 9-12 Any Occupational Specialist I, II or III in Health Occupation 9-12 	<ul style="list-style-type: none"> CTE: Health Occupations with high school setting Workplace Specialist: Health Careers Workplace Specialist: Dental Careers 	<ul style="list-style-type: none"> CTE: Health Occupations 5-12 Workplace Specialist: Any Health Careers license 9-12 Workplace Specialist: Dental Careers 9-12
	5276	Anatomy and Physiology	Health & Human Service	A & P	● No License Available	<ul style="list-style-type: none"> Any Standard Health Occupations License 9-12 Any Occupational Specialist I, II or III in Health Occupation 9-12 	<ul style="list-style-type: none"> CTE: Health Occupations with high school setting Workplace Specialist: Health Careers Workplace Specialist: Dental Careers 	<ul style="list-style-type: none"> Life Sciences 5-12 CTE: Health Occupations 5-12 Workplace Specialist: Any Health Careers license 9-12 Workplace Specialist: Dental Careers 9-12
Biomedical Sciences and Technology	5218	Principles of Biomedical Sciences	Health & Human Service	PRIN BIOMED	● No License Available	<ul style="list-style-type: none"> Any Standard Health Occupations License 9-12 Any Occupational Specialist I, II or III in Health Occupation Biology 9-12 	<ul style="list-style-type: none"> CTE: Health Occupations with high school setting Workplace Specialist: Health Careers Life Science with high school setting 	<ul style="list-style-type: none"> CTE: Health Occupations 5-12 Workplace Specialist: Any Health Science license 9-12 Life Science 5-12
Biomedical Sciences and Technology	5216	Human Body Systems	Health & Human Service	HUMAN SYST	● No License Available	<ul style="list-style-type: none"> Any Standard Health Occupations License 9-12 Any Occupational Specialist I, II or III in Health Occupation: Biology 9-12 	<ul style="list-style-type: none"> CTE: Health Occupations with high school setting Workplace Specialist: Health Careers Life Science with high school setting 	<ul style="list-style-type: none"> CTE: Health Occupations 5-12 Workplace Specialist: Any Health Science license 9-12 Life Science 5-12
Biomedical Sciences and Technology	5217	Medical Interventions	Health & Human Service	MED INTERV	● No License Available	<ul style="list-style-type: none"> Any Standard Health Occupations License 9-12 Any Occupational Specialist I, II or III in Health Occupation: Biology 9-12 	<ul style="list-style-type: none"> CTE: Health Occupations with high school setting Workplace Specialist: Health Careers Life Science with high school setting 	<ul style="list-style-type: none"> CTE: Health Occupations 5-12 Workplace Specialist: Any Health Science license 9-12 Life Science 5-12
Biomedical Sciences and Technology	5219	Biomedical Innovations	Health & Human Services	BIO INN	● No License Available	<ul style="list-style-type: none"> Any Standard Health Occupations License 9-12 Any Occupational Specialist I, II or III in Health Occupation: Biology 9-12 	<ul style="list-style-type: none"> CTE: Health Occupations with high school setting Workplace Specialist: Health Careers Life Science with high school setting 	<ul style="list-style-type: none"> CTE: Health Occupations 5-12 Workplace Specialist: Any Health Science license 9-12 Life Science 5-12
	7168	Principles of Healthcare	Health & Human Services	PRIN HLCR	● No License Available	<ul style="list-style-type: none"> Any Standard Health Occupations License 9-12 Any Occupational Specialist I, II or III in Health Occupation 9-12 	<ul style="list-style-type: none"> CTE: Health Occupations with high school setting Workplace Specialist: Health Careers 	<ul style="list-style-type: none"> CTE: Health Occupations 5-12 Workplace Specialist: Any Health Careers license 9-12
	5274	Healthcare Fundamentals	Health & Human Services	MED TERMS	● No License Available	<ul style="list-style-type: none"> Any Standard Health Occupations License 9-12 Any Occupational Specialist I, II or III in Health Occupation 9-12 	<ul style="list-style-type: none"> CTE: Health Occupations with high school setting Workplace Specialist: Health Careers Workplace Specialist: Dental Careers 	<ul style="list-style-type: none"> CTE: Health Occupations 5-12 Workplace Specialist: Any Health Careers license 9-12 Workplace Specialist: Dental Careers 9-12
Pre Nursing	7166	Healthcare Specialist: CNA	Health & Human Services	HC SPEC CAN	● No License Available	<ul style="list-style-type: none"> Any Standard Health Occupations License 9-12 Any Occupational Specialist I, II or III in Health Occupation with exception of Nurse's Aide & Licensed Practical Nurse 9-12 	<ul style="list-style-type: none"> CTE: Health Occupations with high school setting Workplace Specialist: Health Careers 	<ul style="list-style-type: none"> CTE: Health Occupations 5-12 Workplace Specialist: Health Science – Nursing 9-12
Medical Assistant	7164	Certified Clinical Medical Assistant (CCMA)	Health & Human Services	CERT CL MED AST	● No License Available	<ul style="list-style-type: none"> Any Standard Health Occupations License 9-12 Any Occupational Specialist I, II or III in Health Occupation with exception of Nurse's Aide & Licensed Practical Nurse 9-12 	<ul style="list-style-type: none"> CTE: Health Occupations with high school setting Workplace Specialist: Health Careers 	<ul style="list-style-type: none"> CTE: Health Occupations 5-12 Workplace Specialist: Health Science – Nursing 9-12
Emergency Medical Services	7165	Emergency Medical Tech	Health & Human Services	EMT	● No License Available	<ul style="list-style-type: none"> Any Standard Health Occupations License 9-12 Any Occupational Specialist I, II or III in Health Occupation: First Responder 9-12 	<ul style="list-style-type: none"> CTE: Health Occupations with high school setting Workplace Specialist: Health Careers 	<ul style="list-style-type: none"> CTE: Health Occupations 5-12 Workplace Specialist: Health Science – Emergency Medical Services 9-12
Pre Nursing	7255	Healthcare Specialist Capstone	Health & Human Services	HC SPEC CAP	● No License Available	<ul style="list-style-type: none"> Any Standard Health Occupations License 9-12 Any Occupational Specialist I, II or III in Health Occupation: First Responder 9-12 	<ul style="list-style-type: none"> CTE: Health Occupations with high school setting Workplace Specialist: Health Careers 	<ul style="list-style-type: none"> CTE: Health Occupations 5-12 Workplace Specialist: Health Science – Emergency Medical Services 9-12
Central Service Tech/ Surgical Technician	7163	Central Service Technician Fundamentals	Health & Human Services	CEN SER TEC FUN	● No License Available	<ul style="list-style-type: none"> Any Standard Health Occupations License 9-12 Any Occupational Specialist I, II or III in Health Occupation with exception of Nurse's Aide & Licensed Practical Nurse 9-12 	<ul style="list-style-type: none"> CTE: Health Occupations with high school setting Workplace Specialist: Health Careers 	<ul style="list-style-type: none"> CTE: Health Occupations 5-12 Workplace Specialist: Health Science – Nursing 9-12 Workplace Specialist: Central Service Technician (Medical) 9-12
Central Service Tech/ Surgical Technician	7257	Central Service Technician Capstone	Health & Human Services	CEN SRV TECH CAP	● No License Available	<ul style="list-style-type: none"> Any Standard Health Occupations License 9-12 Any Occupational Specialist I, II or III in Health Occupation with exception of Nurse's Aide & Licensed Practical Nurse 9-12 	<ul style="list-style-type: none"> CTE: Health Occupations with high school setting Workplace Specialist: Health Careers 	<ul style="list-style-type: none"> CTE: Health Occupations 5-12 Workplace Specialist: Health Science – Nursing 9-12 Workplace Specialist: Central Service Technician (Medical) 9-12

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
Pharmacy	7137	Principles of Pharmacy Tech	Health & Human Services	PRIN PHARM	• No License Available	• Any Standard Health Occupations License 9-12 • Any Occupational Specialist I, II or III in Health Occupation 9-12	• CTE: Health Occupations with high school setting • Workplace Specialist: Health Careers	• CTE: Health Occupations 5-12 • Workplace Specialist: Health Science – Pharmacy 9-12
Pharmacy	7167	Pharmacy Tech	Health & Human Services	PHARM TECH	• No License Available	• Any Standard Health Occupations License 9-12 • Any Occupational Specialist I, II or III in Health Occupation 9-12	• CTE: Health Occupations with high school setting • Workplace Specialist: Health Careers	• CTE: Health Occupations 5-12 • Workplace Specialist: Health Science – Pharmacy 9-12
Pharmacy	7310	Pharmacy Capstone	Health & Human Services	PHARM TECH CAP	• No License Available	• Any Standard Health Occupations License 9-12 • Any Occupational Specialist I, II or III in Health Occupation 9-12	• CTE: Health Occupations with high school setting • Workplace Specialist: Health Careers	• CTE: Health Occupations 5-12 • Workplace Specialist: Health Science – Pharmacy 9-12
Dental Careers	7315	Principles of Dental Careers	Health & Human Services	PRIN DENT CAR	• No License Available	• Any Standard Health Occupations License 9-12 • Any Occupational Specialist I, II or III in Health Occupation 9-12	• CTE: Health Occupations with high school setting • Workplace Specialist: Dental Assisting	• CTE: Health Occupations 5-12 • Workplace Specialist: Dental 9-12
Dental Careers	7316	Dental Careers Fundamentals	Health & Human Services	DENT CAR FUND	• No License Available	• Any Standard Health Occupations License 9-12 • Any Occupational Specialist I, II or III in Health Occupation 9-12	• CTE: Health Occupations with high school setting • Workplace Specialist: Dental Assisting	• CTE: Health Occupations 5-12 • Workplace Specialist: Dental 9-12
Dental Careers	7317	Advanced Dental Careers	Health & Human Services	ADV DENT CAR	• No License Available	• Any Standard Health Occupations License 9-12 • Any Occupational Specialist I, II or III in Health Occupation 9-12	• CTE: Health Occupations with high school setting • Workplace Specialist: Dental Assisting	• CTE: Health Occupations 5-12 • Workplace Specialist: Dental 9-12
Dental Careers	7318	Dental Careers Capstone	Health & Human Services	DENT CAR CAP	DENT CAR CAP	• Any Standard Health Occupations License 9-12 • Any Occupational Specialist I, II or III in Health Occupation 9-12	• CTE: Health Occupations with high school setting • Workplace Specialist: Dental Assisting	• CTE: Health Occupations 5-12 • Workplace Specialist: Dental 9-12
Exercise Science	7320	Principles of Exercise Science	Health & Human Services	PRIN EXER SCI	• No License Available	• Any Standard Health Occupations License 9-12 • Any Occupational Specialist I, II or III in Health Occupation 9-12	• CTE: Health Occupations with high school setting • Workplace Specialist: Health Careers • Workplace Specialist: Physical Therapy	• CTE: Health Occupations 5-12 • Workplace Specialist: Health Science - Athletic Training • Workplace Specialist: Physical Therapy 9-12
Exercise Science	7321	Kinesiology	Health & Human Services	KINESIO	• No License Available	• Any Standard Health Occupations License 9-12 • Any Occupational Specialist I, II or III in Health Occupation 9-12	• CTE: Health Occupations with high school setting • Workplace Specialist: Health Careers • Workplace Specialist: Physical Therapy	• CTE: Health Occupations 5-12 • Workplace Specialist: Health Science - Athletic Training • Workplace Specialist: Physical Therapy 9-12
Exercise Science	7322	Human Performance	Health & Human Services	HUM PERF	• No License Available	• Any Standard Health Occupations License 9-12 • Any Occupational Specialist I, II or III in Health Occupation 9-12	• CTE: Health Occupations with high school setting • Workplace Specialist: Health Careers • Workplace Specialist: Physical Therapy	• CTE: Health Occupations 5-12 • Workplace Specialist: Health Science - Athletic Training • Workplace Specialist: Physical Therapy 9-12
Exercise Science	7323	Physical Therapy Capstone	Health & Human Services	PHYS THER CAP	• No License Available	• Any Standard Health Occupations License 9-12 • Any Occupational Specialist I, II or III in Health Occupation 9-12	• CTE: Health Occupations with high school setting • Workplace Specialist: Health Careers	• CTE: Health Occupations 5-12 • Workplace Specialist: Health Science – Physical Therapy 9-12
Exercise Science	7324	Fitness Management Capstone	Health & Human Services	FIT MGMT CAP	• No License Available	• Any Standard Health Occupations License 9-12 • Any Occupational Specialist I, II or III in Health Occupation 9-12	• CTE: Health Occupations with high school setting • Workplace Specialist: Health Careers • Workplace Specialist: Physical Therapy	• CTE: Health Occupations 5-12 • Workplace Specialist: Health Science - Athletic Training • Workplace Specialist: Physical Therapy 9-12
	6120	Advanced Career & Technical Education, College Credit: Hospitality, Events, and Tourism	Hospitality & Events	ADV CTE CC HHS	• Appropriate Vocational License • Vocational Home Economics K-12	• Appropriate Vocational License • Consumer Homemaking Education 9-12 • Occupational Education (FACS) 9-12	• Appropriate CTE License • CTE: Family & Consumer Sciences with high school setting • Workplace Specialist: Human and Social Services	• Appropriate CTE License • CTE: Family & Consumer Sciences 5-12 • Workplace Specialist: Human and Social Services
	6152	Hospitality and Human Services: Special Topics	Hospitality & Events	HHS ST	• Appropriate Vocational License • Vocational Home Economics K-12	• Appropriate Vocational License • Consumer Homemaking Education 9-12 • Occupational Education (FACS) 9-12	• Appropriate CTE License • CTE: Family & Consumer Sciences with high school setting • Workplace Specialist: Human and Social Services	• Appropriate CTE License • CTE: Family & Consumer Sciences 5-12 • Workplace Specialist: Human and Social Services
	5438	Introduction to Culinary Arts and Hospitality	Hospitality & Events	INT CUL HOS	• Any Home Economics K-12	• Consumer Homemaking Education 9-12 • Occupational Education (FACS) 9-12 • Occupational Specialist I, II, & III: Food Production & Management 9-12	• CTE: Family & Consumer Sciences with high school setting • Workplace Specialist: Culinary Arts & Food Specialist	• CTE: Family & Consumer Sciences 5-12 • Workplace Specialist: Culinary Arts 9-12
	7173	Principles of Culinary and Hospitality	Hospitality & Events	PRIN HOSP	• Vocational Home Economics K-12	• Occupational Education (FACS) 9-12 • Occupational Specialist I, II or III: Food Production & Management 9-12 • Consumer Homemaking Education 9-12	• CTE: Family & Consumer Sciences with high school setting • Workplace Specialist: Culinary Arts & Food Service Management Occupations • Workplace Specialist: Food Science	• CTE: Family & Consumer Sciences 5-12 • Workplace Specialist: Culinary Arts 9-12 • Workplace Specialist: Hospitality Management 9-12 • Workplace Specialist: Food Science 9-12

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
	7171	Nutrition	Hospitality & Events	NUTR	<ul style="list-style-type: none"> • Vocational Home Economics K-12 	<ul style="list-style-type: none"> • Occupational Education (FACS) 9-12 • Occupational Specialist I, II or III: Food Production & Management 9-12 • Consumer Homemaking Education 9-12 	<ul style="list-style-type: none"> • CTE: Family & Consumer Sciences with high school setting • Workplace Specialist: Culinary Arts & Food Service Management Occupations • Workplace Specialist: Food Science 	<ul style="list-style-type: none"> • CTE: Family & Consumer Sciences 5-12 • Workplace Specialist: Culinary Arts 9-12 • Workplace Specialist: Hospitality Management 9-12 • Workplace Specialist: Food Science 9-12
Culinary Arts	7169	Culinary Arts	Hospitality & Events	CUL ARTS	<ul style="list-style-type: none"> • Home Economics K-12 	<ul style="list-style-type: none"> • Occupational Education (FACS) 9-12 • Occupational Vocational Specialist I, II or III: Food Production & Management 9-12 • Consumer Homemaking Education 9-12 	<ul style="list-style-type: none"> • CTE: Family & Consumer Sciences with high school setting • Workplace Specialist: Culinary Arts & Food Service Management Occupations • Workplace Specialist: Food Science 	<ul style="list-style-type: none"> • CTE: Family & Consumer Sciences 5-12 • Workplace Specialist: Culinary Arts 9-12 • Workplace Specialist: Hospitality Management 9-12 • Workplace Specialist: Food Science 9-12
Culinary Arts	7235	Baking and Pastry Capstone	Hospitality & Events	BAKE PSTRY CAP	<ul style="list-style-type: none"> • Home Economics K-12 	<ul style="list-style-type: none"> • Occupational Education (FACS) 9-12 • Occupational Vocational Specialist I, II or III: Food Production & Management 9-12 • Consumer Homemaking Education 9-12 	<ul style="list-style-type: none"> • CTE: Family & Consumer Sciences with high school setting • Workplace Specialist: Culinary Arts & Food Service Management Occupations • Workplace Specialist: Food Science 	<ul style="list-style-type: none"> • CTE: Family & Consumer Sciences 5-12 • Workplace Specialist: Culinary Arts 9-12 • Workplace Specialist: Hospitality Management 9-12 • Workplace Specialist: Food Science 9-12
Culinary Arts	7233	Culinary Arts Capstone	Hospitality & Events	CUL ARTS CAP	<ul style="list-style-type: none"> • Home Economics K-12 	<ul style="list-style-type: none"> • Occupational Education (FACS) 9-12 • Occupational Vocational Specialist I, II or III: Food Production & Management 9-12 • Consumer Homemaking Education 9-12 	<ul style="list-style-type: none"> • CTE: Family & Consumer Sciences with high school setting • Workplace Specialist: Culinary Arts & Food Service Management Occupations • Workplace Specialist: Food Science 	<ul style="list-style-type: none"> • CTE: Family & Consumer Sciences 5-12 • Workplace Specialist: Culinary Arts 9-12 • Workplace Specialist: Hospitality Management 9-12 • Workplace Specialist: Food Science 9-12
Hospitality Management	7172	Hospitality Management	Hospitality & Events	HOSP MAN	<ul style="list-style-type: none"> • Vocational Home Economics K-12 	<ul style="list-style-type: none"> • Occupational Education (FACS) 9-12 • Occupational Specialist I, II or III: Food Production & Management 9-12 • Consumer Homemaking Education 9-12 	<ul style="list-style-type: none"> • CTE: Family & Consumer Sciences with high school setting • Workplace Specialist: Lodging Management • Workplace Specialist: Culinary Arts & Food Service Management Occupations • Workplace Specialist: Precision Food Production 	<ul style="list-style-type: none"> • CTE: Family & Consumer Sciences 5-12 • Workplace Specialist: Hospitality Management 9-12 • Workplace Specialist: Culinary Arts 9-12 • Workplace Specialist: Precision Food Production 9-12
Hospitality Management	7237	Hospitality Management Capstone	Hospitality & Events	HOSP MGMT CAP	<ul style="list-style-type: none"> • Vocational Home Economics K-12 	<ul style="list-style-type: none"> • Occupational Education (FACS) 9-12 • Occupational Specialist I, II or III: Food Production & Management 9-12 • Consumer Homemaking Education 9-12 	<ul style="list-style-type: none"> • CTE: Family & Consumer Sciences with high school setting • Workplace Specialist: Lodging Management • Workplace Specialist: Culinary Arts & Food Service Management Occupations • Workplace Specialist: Precision Food Production 	<ul style="list-style-type: none"> • CTE: Family & Consumer Sciences 5-12 • Workplace Specialist: Hospitality Management 9-12 • Workplace Specialist: Culinary Arts 9-12 • Workplace Specialist: Precision Food Production 9-12
Nutrition Science	7170	Nutrition Planning and Therapy	Hospitality & Events	NUTR PL TRPY	<ul style="list-style-type: none"> • Vocational Home Economics K-12 	<ul style="list-style-type: none"> • Occupational Education (FACS) 9-12 	<ul style="list-style-type: none"> • CTE: Family & Consumer Sciences with high school setting 	<ul style="list-style-type: none"> • CTE: Family & Consumer Sciences 5-12 • Workplace Specialist: Nutrition Science 9-12
Nutrition Science	7239	Nutrition Science Capstone	Hospitality & Events	NUT SCI CAP	<ul style="list-style-type: none"> • Vocational Home Economics K-12 	<ul style="list-style-type: none"> • Occupational Education (FACS) 9-12 	<ul style="list-style-type: none"> • CTE: Family & Consumer Sciences with high school setting 	<ul style="list-style-type: none"> • CTE: Family & Consumer Sciences 5-12 • Workplace Specialist: Nutrition Science 9-12
Cosmetology/Barbering	7330	Principles of Barbering and Cosmetology	Health & Human Services	PRIN COSMO	<ul style="list-style-type: none"> • Standard Trade & Industrial: Cosmetology K-12 	<ul style="list-style-type: none"> • Standard Trade & Industrial: Cosmetology 9-12 • Occupational Specialist I, II or III: Cosmetology 9-12 	<ul style="list-style-type: none"> • CTE: Trade & Industrial: Cosmetology • Workplace Specialist: Cosmetology 	<ul style="list-style-type: none"> • CTE: Trade & Industrial Cosmetology 5-12 • Workplace Specialist: Cosmetology 9-12
Cosmetology/Barbering	7331	Barbering and Cosmetology Fundamentals	Health & Human Services	COSMO FUND	<ul style="list-style-type: none"> • Standard Trade & Industrial: Cosmetology K-12 	<ul style="list-style-type: none"> • Standard Trade & Industrial: Cosmetology 9-12 • Occupational Specialist I, II or III: Cosmetology 9-12 	<ul style="list-style-type: none"> • CTE: Trade & Industrial: Cosmetology • Workplace Specialist: Cosmetology 	<ul style="list-style-type: none"> • CTE: Trade & Industrial Cosmetology 5-12 • Workplace Specialist: Cosmetology 9-12
Cosmetology/Barbering	7332	Advanced Cosmetology	Health & Human Services	ADV COSMO	<ul style="list-style-type: none"> • Standard Trade & Industrial: Cosmetology K-12 	<ul style="list-style-type: none"> • Standard Trade & Industrial: Cosmetology 9-12 • Occupational Specialist I, II or III: Cosmetology 9-12 	<ul style="list-style-type: none"> • CTE: Trade & Industrial: Cosmetology • Workplace Specialist: Cosmetology 	<ul style="list-style-type: none"> • CTE: Trade & Industrial Cosmetology 5-12 • Workplace Specialist: Cosmetology 9-12
Cosmetology/Barbering	7333	Advanced Barbering	Health & Human Services	ADV BARB	<ul style="list-style-type: none"> • Standard Trade & Industrial: Cosmetology K-12 	<ul style="list-style-type: none"> • Standard Trade & Industrial: Cosmetology 9-12 • Occupational Specialist I, II or III: Cosmetology 9-12 	<ul style="list-style-type: none"> • CTE: Trade & Industrial: Cosmetology • Workplace Specialist: Cosmetology 	<ul style="list-style-type: none"> • CTE: Trade & Industrial Cosmetology 5-12 • Workplace Specialist: Cosmetology 9-12
Cosmetology/Barbering	7334	Barbering and Cosmetology Capstone	Health & Human Services	COSMO CAP	<ul style="list-style-type: none"> • Standard Trade & Industrial: Cosmetology K-12 	<ul style="list-style-type: none"> • Standard Trade & Industrial: Cosmetology 9-12 • Occupational Specialist I, II or III: Cosmetology 9-12 	<ul style="list-style-type: none"> • CTE: Trade & Industrial: Cosmetology • Workplace Specialist: Cosmetology 	<ul style="list-style-type: none"> • CTE: Trade & Industrial Cosmetology 5-12 • Workplace Specialist: Cosmetology 9-12

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
Social and Community Services	7176	Principles of Human Services	Health & Human Services	PRIN HUM SERV	<ul style="list-style-type: none"> Any Home Economics K-12 with a Human Services concentration, non-teaching occupational experience in a social or community services provider role, or additional training/PD in Social and Community Services 	<ul style="list-style-type: none"> Consumer Homemaking Education 9-12 <u>OR</u> Occupational Education (FACS) 9-12 with a Human Services concentration, non-teaching occupational experience in a social or community services provider role, or additional training/PD in Social and Community Services 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences 5-12 with a Human Services concentration, non-teaching occupational experience in a social or community services provider role, or additional training/PD in Social and Community Services Workplace Specialist: Human and Social Services CTE: Health Occupations 5-12 Workplace Specialist: Health Science – Nursing or EMS 9-12 Any licensed school social worker Any licensed school counselor 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences 5-12 with a Human Services concentration, non-teaching occupational experience in a social or community services provider role, or additional training/PD in Social and Community Services Workplace Specialist: Human and Social Services CTE: Health Occupations 5-12 Workplace Specialist: Health Science – Nursing or EMS 9-12 Any licensed school social worker Any licensed school counselor
Human and Social Services	7174	Understanding Diversity	Health & Human Services	UND DIV	<ul style="list-style-type: none"> Any Home Economics K-12 	<ul style="list-style-type: none"> Consumer Homemaking Education 9-12 Occupational Education (FACS) 9-12 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences with high school setting Workplace Specialist: Human and Social Services 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences 5-12 Workplace Specialist: Human and Social Services
Human and Social Services	7177	Relationships and Emotions	Health & Human Services	REL EMO	<ul style="list-style-type: none"> Any Home Economics K-12 	<ul style="list-style-type: none"> Consumer Homemaking Education 9-12 Occupational Education (FACS) 9-12 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences with high school setting Workplace Specialist: Human and Social Services 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences 5-12 Workplace Specialist: Human and Social Services
Human and Social Services	7241	Human Services Capstone	Health & Human Services	HUM SRV CAP	<ul style="list-style-type: none"> Any Home Economics K-12 	<ul style="list-style-type: none"> Consumer Homemaking Education 9-12 Occupational Education (FACS) 9-12 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences with high school setting Workplace Specialist: Human and Social Services 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences 5-12 Workplace Specialist: Human and Social Services
Social and Community Services	7276	Fundamentals of Human Services	Health & Human Services	FUN HUMS	<ul style="list-style-type: none"> Any Home Economics K-12 with a Human Services concentration, non-teaching occupational experience in a social or community services provider role, or additional training/PD in Social and Community Services 	<ul style="list-style-type: none"> Consumer Homemaking Education 9-12 <u>OR</u> Occupational Education (FACS) 9-12 with a Human Services concentration, non-teaching occupational experience in a social or community services provider role, or additional training/PD in Social and Community Services 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences 5-12 with a Human Services concentration, non-teaching occupational experience in a social or community services provider role, or additional training/PD in Social and Community Services Workplace Specialist: Human and Social Services CTE: Health Occupations 5-12 Workplace Specialist: Health Science – Nursing or EMS 9-12 Any licensed school social worker Any licensed school counselor 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences 5-12 with a Human Services concentration, non-teaching occupational experience in a social or community services provider role, or additional training/PD in Social and Community Services Workplace Specialist: Human and Social Services CTE: Health Occupations 5-12 Workplace Specialist: Health Science – Nursing or EMS 9-12 Any licensed school social worker Any licensed school counselor
Social and Community Services	7278	Community Health Worker	Health & Human Services	COM HLTH WK	<ul style="list-style-type: none"> Any Home Economics K-12 with a Human Services concentration, non-teaching occupational experience in a social or community services provider role, or additional training/PD in Social and Community Services 	<ul style="list-style-type: none"> Consumer Homemaking Education 9-12 <u>OR</u> Occupational Education (FACS) 9-12 with a Human Services concentration, non-teaching occupational experience in a social or community services provider role, or additional training/PD in Social and Community Services 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences 5-12 with a Human Services concentration, non-teaching occupational experience in a social or community services provider role, or additional training/PD in Social and Community Services Workplace Specialist: Human and Social Services CTE: Health Occupations 5-12 Workplace Specialist: Health Science – Nursing or EMS 9-12 Any licensed school social worker Any licensed school counselor 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences 5-12 with a Human Services concentration, non-teaching occupational experience in a social or community services provider role, or additional training/PD in Social and Community Services Workplace Specialist: Human and Social Services CTE: Health Occupations 5-12 Workplace Specialist: Health Science – Nursing or EMS 9-12 Any licensed school social worker Any licensed school counselor
Social and Community Services	7279	Social and Community Services Capstone	Health & Human Services	SOC COMM CAPST	<ul style="list-style-type: none"> Any Home Economics K-12 with a Human Services concentration, non-teaching occupational experience in a social or community services provider role, or additional training/PD in Social and Community Services 	<ul style="list-style-type: none"> Consumer Homemaking Education 9-12 <u>OR</u> Occupational Education (FACS) 9-12 with a Human Services concentration, non-teaching occupational experience in a social or community services provider role, or additional training/PD in Social and Community Services 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences 5-12 with a Human Services concentration, non-teaching occupational experience in a social or community services provider role, or additional training/PD in Social and Community Services Workplace Specialist: Human and Social Services CTE: Health Occupations 5-12 Workplace Specialist: Health Science – Nursing or EMS 9-12 Any licensed school social worker Any licensed school counselor 	<ul style="list-style-type: none"> CTE: Family & Consumer Sciences 5-12 with a Human Services concentration, non-teaching occupational experience in a social or community services provider role, or additional training/PD in Social and Community Services Workplace Specialist: Human and Social Services CTE: Health Occupations 5-12 Workplace Specialist: Health Science – Nursing or EMS 9-12 Any licensed school social worker Any licensed school counselor
	6022	Advanced Career & Technical Education, College Credit: Digital Technology	Digital Technology	ADV CTE CC IT	<ul style="list-style-type: none"> Industrial Arts 7-12, K12 Appropriate Vocational License 	<ul style="list-style-type: none"> Industrial Technology K-12 Industrial Education K-12 Appropriate Vocational License Occupational Specialist in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education with high school setting Appropriate CTE License with high school setting Workplace Specialist in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education 5-12 Appropriate CTE License 5-12 Workplace Specialist in related course approved for a CTE Pathway

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
	4578	Information Technology: Special Topics	Digital Technology	IT ST	<ul style="list-style-type: none"> Industrial Arts 7-12, K12 Appropriate Vocational License 	<ul style="list-style-type: none"> Industrial Technology K-12 Industrial Education K-12 Appropriate Vocational license Occupational Specialist in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education with high school setting Appropriate CTE License with high school setting Workplace Specialist in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education 5-12 Appropriate CTE License 5-12 Workplace Specialist in related course approved for a CTE Pathway
	4528	Digital Applications and Responsibility	Digital Technology	DIG APPS RESP	<ul style="list-style-type: none"> Business Education 7-12 	<ul style="list-style-type: none"> Business Education 9-12 Business Education with Vocational Endorsement 9-12 	<ul style="list-style-type: none"> Business with high school setting Computer Education with high school setting CTE: Business Services & Technology with high school setting 	<ul style="list-style-type: none"> Computer Education 5-12, P-12 Computer Science 5-12, P-12 Business 5-12 CTE: Business Services & Technology 5-12 CTE: Business & Information Technology 5-12 Workplace Specialist: Interactive Media 9-12 Workplace Specialist: Graphic Imaging Technology 9-12 Workplace Specialist: Computer Illustration & Graphics 9-12 Workplace Specialist: Graphic Design and Layout 9-12
	7396	Advanced Digital Skills Capstone	Digital Technology	DIG SKILL CAP	<ul style="list-style-type: none"> Business Education with Vocational Business Endorsement 7-12 	<ul style="list-style-type: none"> Business Education with Vocational Business Endorsement 9-12 Occupational Specialist: Business IT: Interactive Media 9-12 	<ul style="list-style-type: none"> Computer Education 5-12, P-12 Computer Science 5-12, P-12 CTE: Business Services & Technology with high school setting Workplace Specialist: Business IT: Interactive Media CTE: Trade & Industrial: 3D Computer Animation & Visualization Business with high school setting Workplace Specialist: 3D Computer Animation & Visualization Workplace Specialist: Interactive Media Workplace Specialist: Graphic Imaging Technology CTE: Trade & Industrial Photography 5-12 Workplace Specialist: Commercial Photography 9-12 	<ul style="list-style-type: none"> Computer Education 5-12, P-12 Computer Science 5-12, P-12 Business 5-12 CTE: Business Services & Technology 5-12 CTE: Business & Information Technology 5-12 Workplace Specialist: Interactive Media 9-12 Workplace Specialist: Graphic Imaging Technology 9-12 Workplace Specialist: Computer Illustration & Graphics 9-12 Workplace Specialist: Graphic Design and Layout 9-12
	5252	Computer Science: Special Topics	Digital Technology	CS III SP TOP	<ul style="list-style-type: none"> Must have an approved Non-Standard Course Waiver to use this course. Licensing is determined during the waiver process. 	<ul style="list-style-type: none"> Must have an approved Non-Standard Course Waiver to use this course. Licensing is determined during the waiver process. 	<ul style="list-style-type: none"> Must have an approved Non-Standard Course Waiver to use this course. Licensing is determined during the waiver process. 	<ul style="list-style-type: none"> Must have an approved Non-Standard Course Waiver to use this course. Licensing is determined during the waiver process.
	4803	Introduction to Computer Science and Digital Technology	Digital Technology	INTO CS	<ul style="list-style-type: none"> Business Education 7-12 Industrial Arts, Math or Science with Professional Development or additional training in Computer Science 	<ul style="list-style-type: none"> Business Education 9-12 Business Education with Vocational Endorsement 9-12 Occupational Specialist: Business IT: Programming & Software Development 9-12 Occupational Specialist in "Computer Science" related course approved for a CTE pathway Industrial Technology/Education, Math or Science with Professional Development or additional training in Computer Science 	<ul style="list-style-type: none"> Business with high school setting Computer Education with high school setting CTE: Business Services & Technology with high school setting Workplace Specialist: Business IT: Programming & Software Development Workplace Specialist in "Computer Science" related course approved for a CTE pathway Technology Education, Math or Science with Professional Development or additional training in Computer Science 	<ul style="list-style-type: none"> Computer Education 5-12, P-12 Computer Science 5-12, P-12 Business 5-12 CTE: Business Services & Technology 5-12 CTE: Business & Information Technology 5-12 Workplace Specialist in related "Computer Science" course approved for a CTE pathway Technology Education, Math or Science with Professional Development or additional training in Computer Science
	7183	Principles of Computing	Digital Technology	PRIN COMP INFO	<ul style="list-style-type: none"> Business Education 7-12 Industrial Arts, Math or Science with Professional Development or additional training in Computer Science 	<ul style="list-style-type: none"> Business Education 9-12 Business Education with Vocational Endorsement 9-12 Occupational Specialist: Business IT: Programming & Software Development 9-12 Occupational Specialist in "Computer Science" related course approved for a CTE pathway Industrial Technology/Education, Math or Science with Professional Development or additional training in Computer Science 	<ul style="list-style-type: none"> Business with high school setting Computer Education with high school setting CTE: Business Services & Technology with high school setting Workplace Specialist: Business IT: Programming & Software Development Workplace Specialist in "Computer Science" related course approved for a CTE pathway Technology Education, Math or Science with Professional Development or additional training in Computer Science 	<ul style="list-style-type: none"> Computer Education 5-12, P-12 Computer Science 5-12, P-12 Business 5-12 CTE: Business Services & Technology 5-12 CTE: Business & Information Technology 5-12 Workplace Specialist in related "Computer Science" course approved for a CTE pathway Technology Education, Math or Science with Professional Development or additional training in Computer Science
Information Technology Operations	7180	Information Technology Fundamentals	Digital Technology	INFO TECH FUN	<ul style="list-style-type: none"> Business Education 7-12 	<ul style="list-style-type: none"> Business Education 9-12 Business Education with Vocational Endorsement 9-12 Occupational Specialist: Business IT: Programming & Software Development 9-12 	<ul style="list-style-type: none"> Business with high school setting Computer Education with high school setting CTE: Business Services & Technology with high school setting Workplace Specialist: Computer Operations & Programming: Management Info Systems Workplace Specialist: Information Technology: Information Support & Services 	<ul style="list-style-type: none"> Computer Education 5-12, P-12 Computer Science 5-12, P-12 Business 5-12 CTE: Business Services & Technology 5-12 CTE: Business & Information Technology 5-12 Workplace Specialist: Computer Science 9-12 Workplace Specialist: Information Technology: Information Support & Services 9-12

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
Information Technology Operations	7181	Networking and Cybersecurity Operations	Digital Technology	INFO TEC SUP SER	<ul style="list-style-type: none"> ● Business Education 7-12 	<ul style="list-style-type: none"> ● Business Education 9-12 ● Business Education with Vocational Endorsement 9-12 ● Occupational Specialist: Business IT: Programming & Software Development 9-12 	<ul style="list-style-type: none"> ● Business with high school setting ● Computer Education with high school setting ● CTE: Business Services & Technology with high school setting ● Workplace Specialist: Computer Operations & Programming; Management Info Systems ● Workplace Specialist: Information Technology: Information Support & Services 	<ul style="list-style-type: none"> ● Computer Education 5-12, P-12 ● Computer Science 5-12, P-12 ● Business 5-12 ● CTE: Business Services & Technology 5-12 ● CTE: Business & Information Technology 5-12 ● Workplace Specialist: Computer Science 9-12 ● Workplace Specialist: Information Technology: Information Support & Services 9-12
Cybersecurity and Information Assurance (Ivy Tech)	7249	IT Operations: Cybersecurity Operations Capstone	Digital Technology	CYBER OPER CAP	<ul style="list-style-type: none"> ● Business Education 7-12 	<ul style="list-style-type: none"> ● Business Education 9-12 ● Business Education with Vocational Endorsement 9-12 ● Occupational Specialist: Business IT: Programming & Software Development 9-12 	<ul style="list-style-type: none"> ● Business with high school setting ● Computer Education with high school setting ● CTE: Business Services & Technology with high school setting ● Workplace Specialist: Information Support & Services 	<ul style="list-style-type: none"> ● Computer Education 5-12, P-12 ● Computer Science 5-12, P-12 ● Business 5-12 ● CTE: Business Services & Technology 5-12 ● CTE: Business & Information Technology 5-12 ● Workplace Specialist: Computer Science 9-12 ● Workplace Specialist: Cybersecurity 9-12
Information Technology Operations	7245	IT Operations: IT Support Capstone	Digital Technology	IT SUPP CAP	<ul style="list-style-type: none"> ● Business Education 7-12 	<ul style="list-style-type: none"> ● Business Education 9-12 ● Business Education with Vocational Endorsement 9-12 ● Occupational Specialist: Business IT: Programming & Software Development 9-12 	<ul style="list-style-type: none"> ● Business with high school setting ● Computer Education with high school setting ● CTE: Business Services & Technology with high school setting ● Workplace Specialist: Computer Operations & Programming; Management Info Systems ● Workplace Specialist: Information Technology: Information Support & Services 	<ul style="list-style-type: none"> ● Computer Education 5-12, P-12 ● Computer Science 5-12, P-12 ● Business 5-12 ● CTE: Business Services & Technology 5-12 ● CTE: Business & Information Technology 5-12 ● Workplace Specialist: Computer Science 9-12 ● Workplace Specialist: Information Technology: Information Support & Services 9-12
Information Technology Operations	7247	IT Operations: Cloud and Server Operations Capstone	Digital Technology	CLD SRV OPER CAP	<ul style="list-style-type: none"> ● Business Education 7-12 	<ul style="list-style-type: none"> ● Business Education 9-12 ● Business Education with Vocational Endorsement 9-12 ● Occupational Specialist: Business IT: Programming & Software Development 9-12 	<ul style="list-style-type: none"> ● Business with high school setting ● Computer Education with high school setting ● CTE: Business Services & Technology with high school setting ● Workplace Specialist: Computer Operations & Programming; Management Info Systems ● Workplace Specialist: Information Technology: Information Support & Services 	<ul style="list-style-type: none"> ● Computer Education 5-12, P-12 ● Computer Science 5-12, P-12 ● Business 5-12 ● CTE: Business Services & Technology 5-12 ● CTE: Business & Information Technology 5-12 ● Workplace Specialist: Computer Science 9-12 ● Workplace Specialist: Information Technology: Information Support & Services 9-12
Informatics	7484	Data Analytics and Informatics Operations	Digital Technology	DATA OPS INFO	<ul style="list-style-type: none"> ● Business Education 7-12 	<ul style="list-style-type: none"> ● Business Education 9-12 ● Business Education with Vocational Endorsement 9-12 ● Occupational Specialist: Business IT: Programming & Software Development 9-12 	<ul style="list-style-type: none"> ● Business with high school setting ● Computer Education with high school setting ● CTE: Business Services & Technology with high school setting ● Workplace Specialist: Computer Operations & Programming; Management Info Systems ● Workplace Specialist: Information Technology: Information Support & Services 	<ul style="list-style-type: none"> ● Computer Education 5-12, P-12 ● Computer Science 5-12, P-12 ● Business 5-12 ● CTE: Business Services & Technology 5-12 ● CTE: Business & Information Technology 5-12 ● Workplace Specialist: Computer Science 9-12 ● Workplace Specialist: Information Technology: Information Support & Services 9-12
Informatics	7485	Informatics Capstone	Digital Technology	INFO CAPS	<ul style="list-style-type: none"> ● Business Education 7-12 	<ul style="list-style-type: none"> ● Business Education 9-12 ● Business Education with Vocational Endorsement 9-12 ● Occupational Specialist: Business IT: Programming & Software Development 9-12 	<ul style="list-style-type: none"> ● Business with high school setting ● Computer Education with high school setting ● CTE: Business Services & Technology with high school setting ● Workplace Specialist: Computer Operations & Programming; Management Info Systems ● Workplace Specialist: Information Technology: Information Support & Services 	<ul style="list-style-type: none"> ● Computer Education 5-12, P-12 ● Computer Science 5-12, P-12 ● Business 5-12 ● CTE: Business Services & Technology 5-12 ● CTE: Business & Information Technology 5-12 ● Workplace Specialist: Computer Science 9-12 ● Workplace Specialist: Information Technology: Information Support & Services 9-12
Networking	7182	Networking Fundamentals	Digital Technology	NTWK FUN	<ul style="list-style-type: none"> ● Business Education 7-12 	<ul style="list-style-type: none"> ● Business Education 9-12 ● Business Education with Vocational Endorsement 9-12 ● Occupational Specialist: Business IT: Programming & Software Development 9-12 	<ul style="list-style-type: none"> ● Business with high school setting ● Computer Education with high school setting ● CTE: Business Services & Technology with high school setting ● Workplace Specialist: Computer Operations & Programming; Management Info Systems ● Workplace Specialist: Information Technology: Information Support & Services 	<ul style="list-style-type: none"> ● Computer Education 5-12, P-12 ● Computer Science 5-12, P-12 ● Business 5-12 ● CTE: Business Services & Technology 5-12 ● CTE: Business & Information Technology 5-12 ● Workplace Specialist: Computer Science 9-12 ● Workplace Specialist: Information Technology: Information Support & Services 9-12

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
Networking	7251	Networking Capstone	Digital Technology	NETWK CAP	<ul style="list-style-type: none"> ● Business Education 7-12 	<ul style="list-style-type: none"> ● Business Education 9-12 ● Business Education with Vocational Endorsement 9-12 ● Occupational Specialist: Business IT: Programming & Software Development 9-12 	<ul style="list-style-type: none"> ● Business with high school setting ● Computer Education with high school setting ● CTE: Business Services & Technology with high school setting ● Workplace Specialist: Computer Operations & Programming: Management Info Systems ● Workplace Specialist: Information Technology: Information Support & Services 	<ul style="list-style-type: none"> ● Computer Education 5-12, P-12 ● Computer Science 5-12, P-12 ● Business 5-12 ● CTE: Business Services & Technology 5-12 ● CTE: Business & Information Technology 5-12 ● Workplace Specialist: Computer Science 9-12 ● Workplace Specialist: Information Technology: Information Support & Services 9-12
Cybersecurity (Vincennes University)	7179	Cybersecurity Fundamentals	Digital Technology	CYBSEC FUN	<ul style="list-style-type: none"> ● Business Education 7-12 	<ul style="list-style-type: none"> ● Business Education 9-12 ● Business Education with Vocational Endorsement 9-12 ● Occupational Specialist: Business IT: Programming & Software Development 9-12 	<ul style="list-style-type: none"> ● Business with high school setting ● Computer Education with high school setting ● CTE: Business Services & Technology with high school setting ● Workplace Specialist: Information Support & Services 	<ul style="list-style-type: none"> ● Computer Education 5-12, P-12 ● Computer Science 5-12, P-12 ● Business 5-12 ● CTE: Business Services & Technology 5-12 ● CTE: Business & Information Technology 5-12 ● Workplace Specialist: Computer Science 9-12 ● Workplace Specialist: Cybersecurity 9-12
Cybersecurity (Vincennes University)	7178	Advanced Cybersecurity	Digital Technology	ADV CYBSEC	<ul style="list-style-type: none"> ● Business Education 7-12 	<ul style="list-style-type: none"> ● Business Education 9-12 ● Business Education with Vocational Endorsement 9-12 ● Occupational Specialist: Business IT: Programming & Software Development 9-12 	<ul style="list-style-type: none"> ● Business with high school setting ● Computer Education with high school setting ● CTE: Business Services & Technology with high school setting ● Workplace Specialist: Information Support & Services 	<ul style="list-style-type: none"> ● Computer Education 5-12, P-12 ● Computer Science 5-12, P-12 ● Business 5-12 ● CTE: Business Services & Technology 5-12 ● CTE: Business & Information Technology 5-12 ● Workplace Specialist: Computer Science 9-12 ● Workplace Specialist: Cybersecurity 9-12
Cybersecurity (Vincennes University)	7243	Cybersecurity Capstone	Digital Technology	CYBER CAP	<ul style="list-style-type: none"> ● Business Education 7-12 	<ul style="list-style-type: none"> ● Business Education 9-12 ● Business Education with Vocational Endorsement 9-12 ● Occupational Specialist: Business IT: Programming & Software Development 9-12 	<ul style="list-style-type: none"> ● Business with high school setting ● Computer Education with high school setting ● CTE: Business Services & Technology with high school setting ● Workplace Specialist: Information Support & Services 	<ul style="list-style-type: none"> ● Computer Education 5-12, P-12 ● Computer Science 5-12, P-12 ● Business 5-12 ● CTE: Business Services & Technology 5-12 ● CTE: Business & Information Technology 5-12 ● Workplace Specialist: Computer Science 9-12 ● Workplace Specialist: Cybersecurity 9-12
Software Development	7185	Website and Database Development	Digital Technology	WEB DATA DEV	<ul style="list-style-type: none"> ● Business Education 7-12 	<ul style="list-style-type: none"> ● Business Education 9-12 ● Business Education with Vocational Endorsement 9-12 ● Occupational Specialist: Business IT: Programming & Software Development 9-12 	<ul style="list-style-type: none"> ● Business with high school setting ● Computer Education with high school setting ● CTE: Business Services & Technology with high school setting ● Workplace Specialist: Business IT: Programming & Software Development & Network Systems 	<ul style="list-style-type: none"> ● Computer Education 5-12, P-12 ● Computer Science 5-12, P-12 ● Business 5-12 ● CTE: Business Services & Technology 5-12 ● CTE: Business & Information Technology 5-12 ● Workplace Specialist: Computer Science 9-12 ● Workplace Specialist: Networking 9-12 ● Workplace Specialist: Info Technology: Program & Software Development 9-12
Software Development	7184	Software Development	Digital Technology	SOFT DEV	<ul style="list-style-type: none"> ● Business Education 7-12 	<ul style="list-style-type: none"> ● Business Education 9-12 ● Business Education with Vocational Endorsement 9-12 ● Occupational Specialist: Business IT: Programming & Software Development 9-12 	<ul style="list-style-type: none"> ● Business with high school setting ● Computer Education with high school setting ● CTE: Business Services & Technology with high school setting ● Workplace Specialist: Business IT: Programming & Software Development & Network Systems 	<ul style="list-style-type: none"> ● Computer Education 5-12, P-12 ● Computer Science 5-12, P-12 ● Business 5-12 ● CTE: Business Services & Technology 5-12 ● CTE: Business & Information Technology 5-12 ● Workplace Specialist: Computer Science 9-12 ● Workplace Specialist: Networking 9-12 ● Workplace Specialist: Info Technology: Program & Software Development 9-12
Software Development	7253	Software Development Capstone	Digital Technology	SW DEV CAP	<ul style="list-style-type: none"> ● Business Education 7-12 	<ul style="list-style-type: none"> ● Business Education 9-12 ● Business Education with Vocational Endorsement 9-12 ● Occupational Specialist: Business IT: Programming & Software Development 9-12 	<ul style="list-style-type: none"> ● Business with high school setting ● Computer Education with high school setting ● CTE: Business Services & Technology with high school setting ● Workplace Specialist: Business IT: Programming & Software Development & Network Systems 	<ul style="list-style-type: none"> ● Computer Education 5-12, P-12 ● Computer Science 5-12, P-12 ● Business 5-12 ● CTE: Business Services & Technology 5-12 ● CTE: Business & Information Technology 5-12 ● Workplace Specialist: Computer Science 9-12 ● Workplace Specialist: Networking 9-12 ● Workplace Specialist: Info Technology: Program & Software Development 9-12

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
Computer Science	7351	Topics in Computer Science	Digital Technology	TOP COMP SCI	<ul style="list-style-type: none"> ● Business Education 7- 12 ● Industrial Arts, Math or Science with Professional Development or additional training in Computer Science 	<ul style="list-style-type: none"> ● Business Education 9-12 ● Business Education with Vocational Endorsement 9-12 ● Occupational Specialist: Business IT: Programming & Software Development 9-12 ● Occupational Specialist in "Computer Science" related course approved for a CTE pathway ● Industrial Technology/Education, Math or Science with Professional Development or additional training in Computer Science 	<ul style="list-style-type: none"> ● Business with high school setting ● Computer Education with high school setting ● CTE: Business Services & Technology with high school setting ● Workplace Specialist: Business IT: Programming & Software Development ● Workplace Specialist in "Computer Science" related course approved for a CTE pathway ● Technology Education, Math or Science with Professional Development or additional training in Computer Science 	<ul style="list-style-type: none"> ● Computer Education 5-12, P-12 ● Computer Science 5-12, P-12 ● Business 5-12 ● CTE: Business Services & Technology 5- 12 ● CTE: Business & Information Technology 5-12 ● Workplace Specialist in related "Computer Science" course approved for a CTE pathway ● Technology Education, Math or Science with Professional Development or additional training in Computer Science
Computer Science	7352	Computer Science	Digital Technology	COMP SCI	<ul style="list-style-type: none"> ● Business Education 7-12 ● Industrial Arts, Math or Science with Professional Development or additional training in Computer Science 	<ul style="list-style-type: none"> ● Business Education 9-12 ● Business Education with Vocational Endorsement 9-12 ● Occupational Specialist: Business IT: Programming & Software Development 9-12 ● Industrial Technology/Education, Math or Science with Professional Development or additional training in Computer Science 	<ul style="list-style-type: none"> ● Business with high school setting ● Computer Education with high school setting ● CTE: Business Services & Technology with high school setting ● Workplace Specialist: Business IT: Programming & Software Development ● Technology Education, Math or Science with Professional Development or additional training in Computer Science 	<ul style="list-style-type: none"> ● Computer Education 5-12, P-12 ● Computer Science 5-12, P-12 ● Business 5-12 ● CTE: Business Services & Technology 5- 12 ● CTE: Business & Information Technology 5-12 ● Workplace Specialist: Computer Science 9-12 ● Technology Education, Math or Science with Professional Development or additional training in Computer Science
Computer Science	7353	Computer Science Capstone	Digital Technology	COMP SCI CAP	<ul style="list-style-type: none"> ● Business Education 7- 12 ● Industrial Arts, Math or Science with Professional Development or additional training in Computer Science 	<ul style="list-style-type: none"> ● Business Education 9-12 ● Business Education with Vocational Endorsement 9-12 ● Occupational Specialist: Business IT: Programming & Software Development 9-12 ● Industrial Technology/Education, Math or Science with Professional Development or additional training in Computer Science 	<ul style="list-style-type: none"> ● Business with high school setting ● Computer Education with high school setting ● CTE: Business Services & Technology with high school setting ● Workplace Specialist: Business IT: Programming & Software Development ● Technology Education, Math or Science with Professional Development or additional training in Computer Science 	<ul style="list-style-type: none"> ● Computer Education 5-12, P-12 ● Computer Science 5-12, P-12 ● Business 5-12 ● CTE: Business Services & Technology 5- 12 ● CTE: Business & Information Technology 5-12 ● Workplace Specialist: Computer Science 9-12 ● Technology Education, Math or Science with Professional Development or additional training in Computer Science
	6136	Advanced Career & Technical Education, College Credit: Public Service and Safety	Public Service & Safety	ADV CTE CC PS	<ul style="list-style-type: none"> ● Appropriate Vocational license ● Standard Trade & Industrial: Fireman Training K-12 ● Standard Trade & Industrial: Law Enforcement Training K-12 	<ul style="list-style-type: none"> ● Appropriate Vocational license ● Standard Trade & Industrial: Fireman Training 9-12 ● Occupational Specialist I, II or III: Fireman Training 9-12 ● Standard Trade & Industrial: Law Enforcement Training 9-12 ● Occupational Specialist I, II or III: Law Enforcement Training 9-12 	<ul style="list-style-type: none"> ● Appropriate CTE license ● CTE: Trade & Industrial: Fire Science ● Workplace Specialist: Fire Science ● Workplace Specialist: First Responder ● CTE: Trade & Industrial: Law Enforcement Training ● Workplace Specialist: Law Enforcement Training 	<ul style="list-style-type: none"> ● Appropriate CTE license ● CTE: Trade & Industrial Fire Science 5- 12 ● Workplace Specialist: Fire & Rescue 9- 12 ● Workplace Specialist: First Responder 9-12 ● CTE: Trade & Industrial Law Enforcement Training 5-12 ● Workplace Specialist: Criminal Justice 9-12 ● CTE: Trade & Industrial: Legal/Law Professionals 5-12 ● Workplace Specialist: Legal/Law Professionals 9-12
	6154	Public Safety: Special Topics	Public Service & Safety	PS ST	<ul style="list-style-type: none"> ● Appropriate Vocational license ● Standard Trade & Industrial: Fireman Training K-12 ● Standard Trade & Industrial: Law Enforcement Training K-12 	<ul style="list-style-type: none"> ● Appropriate Vocational license ● Standard Trade & Industrial: Fireman Training 9-12 ● Occupational Specialist I, II or III: Fireman Training 9-12 ● Standard Trade & Industrial: Law Enforcement Training 9-12 ● Occupational Specialist I, II or III: Law Enforcement Training 9-12 	<ul style="list-style-type: none"> ● Appropriate CTE license ● CTE: Trade & Industrial: Fire Science ● Workplace Specialist: Fire Science ● Workplace Specialist: First Responder ● CTE: Trade & Industrial: Law Enforcement Training ● Workplace Specialist: Law Enforcement Training 	<ul style="list-style-type: none"> ● Appropriate CTE license ● CTE: Trade & Industrial Fire Science 5- 12 ● Workplace Specialist: Fire & Rescue 9- 12 ● Workplace Specialist: First Responder 9-12 ● CTE: Trade & Industrial Law Enforcement Training 5-12 ● Workplace Specialist: Criminal Justice 9-12 ● CTE: Trade & Industrial: Legal/Law Professionals 5-12 ● Workplace Specialist: Legal/Law Professionals 9-12
	7190	Introduction to Public Service and Safety	Public Service & Safety	IN PS FRST RESP	<ul style="list-style-type: none"> ● Appropriate Vocational license ● Standard Trade & Industrial: Fireman Training K-12 ● Standard Trade & Industrial: Law Enforcement Training K-12 	<ul style="list-style-type: none"> ● Appropriate Vocational license ● Standard Trade & Industrial: Fireman Training 9-12 ● Occupational Specialist I, II or III: Fireman Training 9-12 ● Standard Trade & Industrial: Law Enforcement Training 9-12 ● Occupational Specialist I, II or III: Law Enforcement Training 9-12 	<ul style="list-style-type: none"> ● Appropriate CTE license ● CTE: Trade & Industrial: Fire Science ● Workplace Specialist: Fire Science ● Workplace Specialist: First Responder ● CTE: Trade & Industrial: Law Enforcement Training ● Workplace Specialist: Law Enforcement Training 	<ul style="list-style-type: none"> ● Appropriate CTE license ● CTE: Trade & Industrial Fire Science 5- 12 ● Workplace Specialist: Fire & Rescue 9- 12 ● Workplace Specialist: First Responder 9-12 ● CTE: Trade & Industrial Law Enforcement Training 5-12 ● Workplace Specialist: Criminal Justice 9-12 ● CTE: Trade & Industrial: Legal/Law Professionals 5-12 ● Workplace Specialist: Legal/Law Professionals 9-12
Fire and Rescue	7195	Principles of Fire and Rescue	Public Service & Safety	PRIN FIRE RES	<ul style="list-style-type: none"> ● Standard Trade & Industrial: Fireman Training K-12 	<ul style="list-style-type: none"> ● Standard Trade & Industrial: Fireman Training 9-12 ● Occupational Specialist I, II or III: Fireman Training 9-12 	<ul style="list-style-type: none"> ● CTE: Trade & Industrial: Fire Science ● Workplace Specialist: Fire Science ● Workplace Specialist: First Responder 	<ul style="list-style-type: none"> ● CTE: Trade & Industrial Fire Science 5-12 ● Workplace Specialist: Fire & Rescue 9-12

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
Fire and Rescue	7189	Fire Fighting Fundamentals	Public Service & Safety	FIRE FGHT FUN	<ul style="list-style-type: none"> Standard Trade & Industrial: Fireman Training K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Fireman Training 9-12 Occupational Specialist I, II or III: Fireman Training 9-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Fire Science Workplace Specialist: Fire Science Workplace Specialist: First Responder 	<ul style="list-style-type: none"> CTE: Trade & Industrial Fire Science 5-12 Workplace Specialist: Fire & Rescue 9-12
Fire and Rescue	7186	Advanced Fire Fighting	Public Service & Safety	ADV FIRE FGHT	<ul style="list-style-type: none"> Standard Trade & Industrial: Fireman Training K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Fireman Training 9-12 Occupational Specialist I, II or III: Fireman Training 9-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Fire Science Workplace Specialist: Fire Science Workplace Specialist: First Responder 	<ul style="list-style-type: none"> CTE: Trade & Industrial Fire Science 5-12 Workplace Specialist: Fire & Rescue 9-12
Fire and Rescue	7229	Fire and Rescue Capstone	Public Service & Safety	FIRE RES CAP	<ul style="list-style-type: none"> Standard Trade & Industrial: Fireman Training K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Fireman Training 9-12 Occupational Specialist I, II or III: Fireman Training 9-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Fire Science Workplace Specialist: Fire Science Workplace Specialist: First Responder 	<ul style="list-style-type: none"> CTE: Trade & Industrial Fire Science 5-12 Workplace Specialist: Fire & Rescue 9-12
Criminal Justice	7193	Principles of Criminal Justice	Public Service & Safety	PRIN CR JUST	<ul style="list-style-type: none"> Standard Trade & Industrial: Law Enforcement Training K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Law Enforcement Training 9-12 Occupational Specialist I, II or III: Law Enforcement Training 9-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Law Enforcement Training Workplace Specialist: Law Enforcement Training 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Criminal Justice 5-12 Workplace Specialist: Criminal Justice 9-12 Workplace Specialist: Law Enforcement 9-12
Criminal Justice	7191	Law Enforcement Fundamentals	Public Service & Safety	LAW ENF FUND	<ul style="list-style-type: none"> Standard Trade & Industrial: Law Enforcement Training K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Law Enforcement Training 9-12 Occupational Specialist I, II or III: Law Enforcement Training 9-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Law Enforcement Training Workplace Specialist: Law Enforcement Training 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Criminal Justice 5-12 Workplace Specialist: Criminal Justice 9-12 Workplace Specialist: Law Enforcement 9-12
Criminal Justice	7188	Corrections and Cultural Awareness	Public Service & Safety	CRT CORR	<ul style="list-style-type: none"> Standard Trade & Industrial: Law Enforcement Training K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Law Enforcement Training 9-12 Occupational Specialist I, II or III: Law Enforcement Training 9-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Law Enforcement Training Workplace Specialist: Law Enforcement Training 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Criminal Justice 5-12 Workplace Specialist: Criminal Justice 9-12 Workplace Specialist: Law Enforcement 9-12
Criminal Justice	7231	Criminal Justice Capstone	Public Service & Safety	CRIM JUST CAP	<ul style="list-style-type: none"> Standard Trade & Industrial: Law Enforcement Training K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Law Enforcement Training 9-12 Occupational Specialist I, II or III: Law Enforcement Training 9-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Law Enforcement Training Workplace Specialist: Law Enforcement Training 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Criminal Justice 5-12 Workplace Specialist: Criminal Justice 9-12 Workplace Specialist: Law Enforcement 9-12
Paralegal	7194	Principles of Paralegal Studies	Public Service & Safety	PRIN PARA ST	<ul style="list-style-type: none"> No License Available 	<ul style="list-style-type: none"> No License Available 	<ul style="list-style-type: none"> No License Available 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Legal/Law Professionals 5-12 Workplace Specialist: Legal/Law Professionals 9-12
Paralegal	7192	Paralegal Fundamentals	Public Service & Safety	PARA FUN	<ul style="list-style-type: none"> No License Available 	<ul style="list-style-type: none"> No License Available 	<ul style="list-style-type: none"> No License Available 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Legal/Law Professionals 5-12 Workplace Specialist: Legal/Law Professionals 9-12
Paralegal	7187	Advanced Paralegal Studies	Public Service & Safety	ADV PARA ST	<ul style="list-style-type: none"> No License Available 	<ul style="list-style-type: none"> No License Available 	<ul style="list-style-type: none"> No License Available 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Legal/Law Professionals 5-12 Workplace Specialist: Legal/Law Professionals 9-12
Paralegal	7227	Paralegal Studies Capstone	Public Service & Safety	LEGAL ST CAP	<ul style="list-style-type: none"> No License Available 	<ul style="list-style-type: none"> No License Available 	<ul style="list-style-type: none"> No License Available 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Legal/Law Professionals 5-12 Workplace Specialist: Legal/Law Professionals 9-12
	6126	Advanced Career & Technical Education, College Credit: STEM	Energy & Natural Resources	ADV CTE CC	<ul style="list-style-type: none"> Industrial Arts 7-12, K12 	<ul style="list-style-type: none"> Industrial Technology K-12 Industrial Education K-12 	<ul style="list-style-type: none"> Technology Education with high school setting Workplace Specialist: Computers in Design & Production 	<ul style="list-style-type: none"> Technology Education 5-12 Workplace Specialist: Computers in Design & Production
	4788	Engineering and Technology: Special Topics	Advanced Manufacturing	ENG TECH ST	<ul style="list-style-type: none"> Industrial Arts 7-12, K-12 Appropriate Vocational license 	<ul style="list-style-type: none"> Industrial Technology K-12 Industrial Education K-12 Occupational Specialist I, II or III in related course approved for a CTE pathway Appropriate Vocational license 	<ul style="list-style-type: none"> Technology Education with high school setting Workplace Specialist I or II in related course approved for a CTE pathway Appropriate CTE license 	<ul style="list-style-type: none"> Technology Education 5-12 Workplace Specialist I or II in related course approved for a CTE pathway Appropriate CTE license

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
	7199	Engineering Essentials	Advanced Manufacturing	ENG ESS	<ul style="list-style-type: none"> Industrial Arts 7-12, K-12 Standard Trade & Industrial: Engineering 9-12 Standard Trade & Industrial: Drafting 9-12 Occupational Specialist I, II or III: Drafting 9-12 Industrial Education K-12 Occupational Specialist I, II or III: Engineering 9-12 	<ul style="list-style-type: none"> Industrial Technology K-12 Standard Trade & Industrial: Engineering 9-12 Standard Trade & Industrial: Drafting 9-12 Occupational Specialist I, II or III: Drafting 9-12 Industrial Education K-12 Occupational Specialist I, II or III: Engineering 9-12 	<ul style="list-style-type: none"> Technology Education with high school setting CTE: Trade & Industrial: Engineering Workplace Specialist: Engineering CTE: Trade & Industrial: Drafting & Computer Aided Design (CAD) 5-12 Workplace Specialist: Drafting & Computer Aided Design (CAD) 	<ul style="list-style-type: none"> Technology Education 5-12 CTE: Trade & Industrial Engineering 5-12 Workplace Specialist: Engineering 9-12 CTE: Trade & Industrial Drafting & Computer Aided Design (CAD) 5-12 Workplace Specialist: Mechanical Drafting 9-12 Workplace Specialist: Architectural Drafting 9-12 Workplace Specialist: Architectural Engineering 9-12 CTE: Trade & Industrial: Architecture 5-12 Workplace Specialist: Architecture 9-12
	5614	Introduction to the Energy Industry	Energy & Natural Resources	INTRO ENG IND	<ul style="list-style-type: none"> Industrial Arts K-12 	<ul style="list-style-type: none"> Industrial Technology 9-12 Industrial Education K-12 Occupational Specialist I, II or III in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education Workplace Specialist I or II in related course approved for a CTE pathway 	<ul style="list-style-type: none"> CTE: Trade & Industry: Energy Industry 5-12 Workplace Specialist: Energy Industry 9-12 Technology Education Workplace Specialist I or II in related course approved for a CTE pathway
	4800	Computers in Design & Production	Advanced Manufacturing	COMP DES	<ul style="list-style-type: none"> Industrial Arts 7-12, K12 	<ul style="list-style-type: none"> Industrial Technology K-12 Industrial Education K-12 	<ul style="list-style-type: none"> Technology Education with high school setting Workplace Specialist: Computers in Design & Production 	<ul style="list-style-type: none"> Technology Education 5-12 Workplace Specialist: Computers in Design & Production
	4794	Introduction to Design Processes	Advanced Manufacturing	INT DES PRO	<ul style="list-style-type: none"> Industrial Arts 7-12, K12 	<ul style="list-style-type: none"> Industrial Technology K-12 Industrial Education K-12 Occupational Specialist I, II, or III in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education with high school setting Workplace Specialist I or II in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education 5-12 Workplace Specialist I or II in related course approved for a CTE pathway
Engineering; Design Technology	4802	Introduction to Engineering Design	Advanced Manufacturing	INT ENG DES	<ul style="list-style-type: none"> Industrial Arts 7-12, K-12 Standard Trade & Industrial: Engineering K-12 Standard Trade & Industrial: Drafting K-12 	<ul style="list-style-type: none"> Industrial Technology K-12 Standard Trade & Industrial: Engineering 9-12 Standard Trade & Industrial: Drafting 9-12 Occupational Specialist I, II or III: Drafting 9-12 Industrial Education K-12 Occupational Specialist I, II or III: Engineering 9-12 	<ul style="list-style-type: none"> Technology Education with high school setting CTE: Trade & Industrial: Engineering Workplace Specialist: Engineering CTE: Trade & Industrial: Drafting & Computer Aided Design (CAD) 5-12 Workplace Specialist: Drafting & Computer Aided Design (CAD) 	<ul style="list-style-type: none"> Technology Education 5-12 CTE: Trade & Industrial Engineering 5-12 Workplace Specialist: Engineering 9-12 CTE: Trade & Industrial Drafting & Computer Aided Design (CAD) 5-12 Workplace Specialist: Mechanical Drafting 9-12 Workplace Specialist: Architectural Drafting 9-12 Workplace Specialist: Architectural Engineering 9-12 CTE: Trade & Industrial: Architecture 5-12 Workplace Specialist: Architecture 9-12
Engineering	5644	Principles of Engineering	Advanced Manufacturing	PRNC ENG	<ul style="list-style-type: none"> Industrial Arts 7-12, K-12 Standard Trade & Industrial: Engineering K-12 	<ul style="list-style-type: none"> Industrial Technology K-12 Standard Trade & Industrial: Engineering 9-12 Occupational Specialist I, II or III: Engineering 	<ul style="list-style-type: none"> Technology Education with high school setting CTE: Trade & Industrial: Engineering Workplace Specialist: Engineering 	<ul style="list-style-type: none"> Technology Education 5-12 CTE: Trade & Industrial Engineering 5-12 Workplace Specialist: Engineering 9-12
Engineering	5518	Aerospace Engineering	Advanced Manufacturing	AERO ENG	<ul style="list-style-type: none"> Industrial Arts 7-12, K-12 Standard Trade & Industrial: Engineering K-12 	<ul style="list-style-type: none"> Industrial Technology K-12 Standard Trade & Industrial: Engineering 9-12 Occupational Specialist I, II or III: Engineering 	<ul style="list-style-type: none"> Technology Education with high school setting CTE: Trade & Industrial: Engineering Workplace Specialist: Engineering 	<ul style="list-style-type: none"> Technology Education 5-12 CTE: Trade & Industrial Engineering 5-12 Workplace Specialist: Engineering 9-12
Engineering	5650	Civil Engineering and Architecture	Advanced Manufacturing	CIVIL ENG	<ul style="list-style-type: none"> Industrial Arts 7-12, K-12 Standard Trade & Industrial: Engineering K-12 	<ul style="list-style-type: none"> Industrial Technology K-12 Industrial Education K-12 Standard Trade & Industrial: Civil-Architectural Engineering 9-12 Occupational Specialist I, II or III: Civil-Architectural Engineering 9-12 	<ul style="list-style-type: none"> Technology Education with high school setting CTE: Trade & Industrial: Civil-Architectural Engineering Workplace Specialist: Civil-Architectural Engineering 	<ul style="list-style-type: none"> Technology Education 5-12 CTE: Trade & Industrial Civil-Architectural Engineering 5-12 Workplace Specialist: Engineering 9-12
Engineering	5534	Computer Integrated Manufacturing	Advanced Manufacturing	COMP INT MFG	<ul style="list-style-type: none"> Industrial Arts 7-12, K-12 Standard Trade & Industrial: Engineering K-12 	<ul style="list-style-type: none"> Industrial Technology K-12 Standard Trade & Industrial: Engineering 9-12 Occupational Specialist I, II or III: Engineering 	<ul style="list-style-type: none"> Technology Education with high school setting CTE: Trade & Industrial: Engineering Workplace Specialist: Engineering 	<ul style="list-style-type: none"> Technology Education 5-12 CTE: Trade & Industrial Engineering 5-12 Workplace Specialist: Engineering 9-12
Engineering; Electronics and Computer Technology	5538	Digital Electronics	Advanced Manufacturing	DIG ELEC	<ul style="list-style-type: none"> Industrial Arts 7-12, K-12 Standard Trade & Industrial: Engineering K-12 	<ul style="list-style-type: none"> Industrial Technology K-12 Industrial Education K-12 Standard Trade & Industrial: Engineering 9-12 Occupational Specialist I, II or III: Digital Electronics Technology Occupational Specialist I, II or III: Electronics Technology 9-12 or Industrial Electronics 9-12 	<ul style="list-style-type: none"> Technology Education with high school setting CTE: Trade & Industrial: Engineering Workplace Specialist: Digital Electronics Technology Workplace Specialist: Electronics Technology 9-12 or Industrial Electronics 9-12 	<ul style="list-style-type: none"> Technology Education 5-12 CTE: Trade & Industrial Engineering 5-12 Workplace Specialist: Engineering 9-12 Workplace Specialist: Electronics Technology 9-12 or Industrial Electronics 9-12

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
Engineering	4818	Environmental Sustainability	Advanced Manufacturing	ENV SUS	<ul style="list-style-type: none"> Industrial Arts 7-12, K-12 Standard Trade & Industrial: Engineering K-12 Biology 7-12 Earth Science 7-12 	<ul style="list-style-type: none"> Industrial Technology K-12 Industrial Education K-12 Standard Trade & Industrial: Engineering or Manufacturing 9-12 Occupational Specialist I, II or III: Engineering 9-12 Conservation & Environmental Studies 9-12 Biology 9-12 Earth/Space Science 9-12 	<ul style="list-style-type: none"> Technology education with a high school setting CTE Trade & Industrial: Engineering A Workplace Specialist: Biotechnology Engineering Earth/Space Science with a high school setting Life Science with a high school setting 	<ul style="list-style-type: none"> Technology education 5-12 CTE Trade & Industrial: Engineering A Workplace Specialist: Biotechnology Engineering Earth/Space Science 5-12 Life Science 5-12
Engineering	5698	Engineering Design and Development	Advanced Manufacturing	ENG DES DEV	<ul style="list-style-type: none"> Industrial Arts 7-12, K-12 Standard Trade & Industrial: Engineering K-12 	<ul style="list-style-type: none"> Industrial Technology K-12 Standard Trade & Industrial: Engineering 9-12 Occupational Specialist I, II or III: Engineering 	<ul style="list-style-type: none"> Technology Education with high school setting CTE: Trade & Industrial: Engineering Workplace Specialist: Engineering 	<ul style="list-style-type: none"> Technology Education 5-12 CTE: Trade & Industrial Engineering 5-12 Workplace Specialist: Engineering 9-12
Design Technology	7196	Mechanical and Architectural Design	Advanced Manufacturing	ARCT DES	<ul style="list-style-type: none"> Industrial Arts 7-12, K-12 Standard Trade & Industrial: Engineering K-12 Standard Trade & Industrial: Drafting K-12 	<ul style="list-style-type: none"> Industrial Technology K-12 Standard Trade & Industrial: Engineering 9-12 Standard Trade & Industrial: Drafting 9-12 Occupational Specialist I, II or III: Drafting 9-12 Industrial Education K-12 Occupational Specialist I, II or III: Engineering 9-12 	<ul style="list-style-type: none"> Technology Education with high school setting CTE: Trade & Industrial: Engineering Workplace Specialist: Engineering CTE: Trade & Industrial: Drafting & Computer Aided Design (CAD) 5-12 Workplace Specialist: Drafting & Computer Aided Design (CAD) 	<ul style="list-style-type: none"> Technology Education 5-12 CTE: Trade & Industrial Engineering 5-12 Workplace Specialist: Engineering 9-12 CTE: Trade & Industrial Drafting & Computer Aided Design (CAD) 5-12 Workplace Specialist: Mechanical Drafting 9-12 Workplace Specialist: Architectural Drafting 9-12 Workplace Specialist: Architectural Engineering 9-12 CTE: Trade & Industrial: Architecture 5-12 Workplace Specialist: Architecture 9-12
Design Technology	7202	Manufacturing Principles and Design	Advanced Manufacturing	PRIN DES TECH	<ul style="list-style-type: none"> Standard Trade & Industrial: Drafting K-12 Industrial Arts 7-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Drafting 9-12 Occupational Specialist I, II or III: Drafting 9-12 Industrial Education K-12 Industrial Technology K-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Drafting & Computer Aided Design (CAD) 5-12 Workplace Specialist: Drafting & Computer Aided Design (CAD) Technology Education with high school setting 	<ul style="list-style-type: none"> CTE: Trade & Industrial Drafting & Computer Aided Design (CAD) 5-12 CTE: Trade & Industrial: Drafting 5-12 Workplace Specialist: Drafting & Computer Aided Design 9-12 Workplace Specialist: Mechanical Drafting 9-12 Technology Education 5-12
Design Technology	7223	Mechanical Design Capstone	Advanced Manufacturing	MECH DES CAP	<ul style="list-style-type: none"> Standard Trade & Industrial: Drafting K-12 Industrial Arts 7-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Drafting 9-12 Occupational Specialist I, II or III: Drafting 9-12 Industrial Education K-12 Industrial Technology K-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Drafting & Computer Aided Design (CAD) 5-12 Workplace Specialist: Drafting & Computer Aided Design (CAD) Technology Education with high school setting 	<ul style="list-style-type: none"> CTE: Trade & Industrial Drafting & Computer Aided Design (CAD) 5-12 CTE: Trade & Industrial: Drafting 5-12 Workplace Specialist: Drafting & Computer Aided Design 9-12 Workplace Specialist: Mechanical Drafting 9-12 Technology Education 5-12
Design Technology	7197	BIM Architecture	Advanced Manufacturing	BIM ARCH	<ul style="list-style-type: none"> Standard Trade & Industrial: Drafting K-12 Industrial Arts K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Drafting 9-12 Occupational Specialist I, II or III: Drafting 9-12 Industrial Technology 9-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Drafting & Computer Aided Design (CAD) 5-12 Workplace Specialist: Drafting & Computer Aided Design (CAD) Technology Education 5-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial Drafting & Computer Aided Design (CAD) 5-12 Workplace Specialist: Architectural Drafting 9-12 Workplace Specialist: Drafting & Computer Aided Design 9-12 CTE: Trade & Industrial: Architecture 5-12 Workplace Specialist: Architecture 9-12 Technology Education 5-12
Design Technology	7225	Architectural Design Capstone	Advanced Manufacturing	ARCH DES CAP	<ul style="list-style-type: none"> Standard Trade & Industrial: Drafting K-12 Industrial Arts K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Drafting 9-12 Occupational Specialist I, II or III: Drafting 9-12 Industrial Technology 9-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Drafting & Computer Aided Design (CAD) 5-12 Workplace Specialist: Drafting & Computer Aided Design (CAD) Technology Education 5-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial Drafting & Computer Aided Design (CAD) 5-12 Workplace Specialist: Architectural Drafting 9-12 Workplace Specialist: Drafting & Computer Aided Design 9-12 CTE: Trade & Industrial: Architecture 5-12 Workplace Specialist: Architecture 9-12 Technology Education 5-12
Biotechnology	7340	Principles of Biotechnology	Advanced Manufacturing	PRIN BIOTECH	<ul style="list-style-type: none"> No License Available 	<ul style="list-style-type: none"> No License Available 	<ul style="list-style-type: none"> No License Available 	<ul style="list-style-type: none"> Life Science 5-12 Chemistry 5-12 CTE: Trade & Industrial: Biotechnology Workplace Specialist: Biotechnology

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
Biotechnology	7341	Biotech Manufacturing	Advanced Manufacturing	BIOTECH MANF	<ul style="list-style-type: none"> • No License Available 	<ul style="list-style-type: none"> • No License Available 	<ul style="list-style-type: none"> • No License Available 	<ul style="list-style-type: none"> • Life Science 5-12 • Chemistry 5-12 • CTE: Trade & Industrial: Biotechnology • Workplace Specialist: Biotechnology
Biotechnology	7342	Biotech Regulatory Affairs	Advanced Manufacturing	BIOTECH REG AFF	<ul style="list-style-type: none"> • No License Available 	<ul style="list-style-type: none"> • No License Available 	<ul style="list-style-type: none"> • No License Available 	<ul style="list-style-type: none"> • Life Science 5-12 • Chemistry 5-12 • CTE: Trade & Industrial: Biotechnology • Workplace Specialist: Biotechnology
Biotechnology	7343	Advanced Biotech Manufacturing	Advanced Manufacturing	ADV BIOTECH MANF	<ul style="list-style-type: none"> • No License Available 	<ul style="list-style-type: none"> • No License Available 	<ul style="list-style-type: none"> • No License Available 	<ul style="list-style-type: none"> • Life Science 5-12 • Chemistry 5-12 • CTE: Trade & Industrial: Biotechnology • Workplace Specialist: Biotechnology
Biotechnology	7344	Biotechnology Capstone	Advanced Manufacturing	BIOTECH CAP	<ul style="list-style-type: none"> • No License Available 	<ul style="list-style-type: none"> • No License Available 	<ul style="list-style-type: none"> • No License Available 	<ul style="list-style-type: none"> • Life Science 5-12 • Chemistry 5-12 • CTE: Trade & Industrial: Biotechnology • Workplace Specialist: Biotechnology
Electronics and Computer Technology	7361	Electronic Fundamentals	Advanced Manufacturing	ELEC FUND	<ul style="list-style-type: none"> • Standard Trade & Industrial: Electronics Technology K-12 	<ul style="list-style-type: none"> • Standard Trade & Industrial: Electronics Technology 9-12 • Occupational Specialist I, II or III: Electronics Technology or Industrial Electronics 9-12 • Industrial Technology K-12 	<ul style="list-style-type: none"> • CTE: Trade & Industrial: Electronics Technology • Workplace Specialist: Electronics Technology or Industrial Electronics • Technology Education 	<ul style="list-style-type: none"> • CTE: Trade & Industrial Electronics Technology 5-12 • Workplace Specialist: Electronics Technology or Industrial Electronics 9-12 • Technology Education 5-12
Electronics and Computer Technology	7362	Electronics and Computer Technology Capstone	Advanced Manufacturing	ECT CAP	<ul style="list-style-type: none"> • Standard Trade & Industrial: Electronics Technology K-12 	<ul style="list-style-type: none"> • Standard Trade & Industrial: Electronics Technology 9-12 • Occupational Specialist I, II or III: Electronics Technology or Industrial Electronics 9-12 • Industrial Technology K-12 	<ul style="list-style-type: none"> • CTE: Trade & Industrial: Electronics Technology • Workplace Specialist: Electronics Technology or Industrial Electronics • Technology Education 	<ul style="list-style-type: none"> • CTE: Trade & Industrial Electronics Technology 5-12 • Workplace Specialist: Electronics Technology or Industrial Electronics 9-12 • Technology Education 5-12
Electronics and Computer Technology	7098	Semiconductor Fabrication Capstone	Advanced Manufacturing	SEV MFG	<ul style="list-style-type: none"> • Industrial Arts 7-12, K-12 • Standard Trade: & Industrial: Electronics Technology K-12 • Standard Trade & Industrial: Engineering 9-12 • Standard Trade & Industrial: Drafting K-12 	<ul style="list-style-type: none"> • Industrial Education K-12 • Industrial Technology K-12 • Standard Trade & Industrial: Drafting 9-12 • Standard Trade & Industrial: Engineering 9-12 • Standard Trade & Industrial: Electronics Technology 9-12 • Occupational Specialist I, II, or III: Electronics Technology or Industrial Electronics 9-12 • Occupational Specialist I, II, or III: Drafting • Occupational Specialist I, II, or III: Engineering 9-12 	<ul style="list-style-type: none"> • CTE: Trade & Industrial: Electronics Technology • CTE: Trade & Industrial: Engineering • CTE: Trade & Industrial: Drafting & Computer Aided Design (CAD) • Technology Education with high school setting • Workplace Specialist: Electronics Technology or Industrial Electronics • Workplace Specialist: Drafting & Computer Aided Design (CAD) 	<ul style="list-style-type: none"> • CTE: Trade & Industrial: Electronics Technology 5-12 • CTE: Trade & Industrial: Engineering 5-12 • CTE Trade & Industrial: Drafting & Computer Aided Design (CAD) • Technology Education 5-12 • Workplace Specialist: Electronics Technology or Industrial Electronics 9-12 • Workplace Specialist: Engineering 9-12 • Workplace Specialist: Mechanical Drafting 9-12 • Workplace Specialist: Architectural Engineering 9-12
Energy Technology	7203	Principles of Energy Technology	Energy & Natural Resources	PRIN ENER TECH	<ul style="list-style-type: none"> • Industrial Arts K-12 	<ul style="list-style-type: none"> • Industrial Technology 9-12 • Industrial Education K-12 • Occupational Specialist I, II or III in related course approved for a CTE pathway 	<ul style="list-style-type: none"> • Technology Education • Workplace Specialist I or II in related course approved for a CTE pathway 	<ul style="list-style-type: none"> • CTE: Trade & Industry: Energy Industry 5-12 • Technology Education 5-12 • Workplace Specialist: Energy Industry 9-12 • Workplace Specialist I or II in related course approved for a CTE pathway
Energy Technology	7200	Fundamentals of Electricity and Motors	Energy & Natural Resources	FUN ELE MOTR	<ul style="list-style-type: none"> • Industrial Arts K-12 	<ul style="list-style-type: none"> • Industrial Technology 9-12 • Industrial Education K-12 • Occupational Specialist I, II or III in related course approved for a CTE pathway 	<ul style="list-style-type: none"> • Technology Education • Workplace Specialist I or II in related course approved for a CTE pathway 	<ul style="list-style-type: none"> • CTE: Trade & Industry: Energy Industry 5-12 • Technology Education 5-12 • Workplace Specialist: Energy Industry 9-12 • Workplace Specialist I or II in related course approved for a CTE pathway
Energy Technology	7198	Electrical Power Distribution	Energy & Natural Resources	ELC PWR DIS	<ul style="list-style-type: none"> • Industrial Arts K-12 	<ul style="list-style-type: none"> • Industrial Technology 9-12 • Industrial Education K-12 • Occupational Specialist I, II or III in related course approved for a CTE pathway 	<ul style="list-style-type: none"> • Technology Education • Workplace Specialist I or II in related course approved for a CTE pathway 	<ul style="list-style-type: none"> • CTE: Trade & Industry: Energy Industry 5-12 • Technology Education 5-12 • Workplace Specialist: Energy Industry 9-12 • Workplace Specialist I or II in related course approved for a CTE pathway
Energy Technology	7268	Electrical Line Capstone	Energy & Natural Resources	ELEC LN CAP	<ul style="list-style-type: none"> • Industrial Arts K-12 	<ul style="list-style-type: none"> • Industrial Technology 9-12 • Industrial Education K-12 • Occupational Specialist I, II or III in related course approved for a CTE pathway 	<ul style="list-style-type: none"> • Technology Education • Workplace Specialist I or II in related course approved for a CTE pathway 	<ul style="list-style-type: none"> • CTE: Trade & Industry: Energy Industry 5-12 • Technology Education 5-12 • Workplace Specialist: Energy Industry 9-12 • Workplace Specialist I or II in related course approved for a CTE pathway
Energy Technology	7269	Industrial Wind Capstone	Energy & Natural Resources	IND WIND CAP	<ul style="list-style-type: none"> • Industrial Arts K-12 	<ul style="list-style-type: none"> • Industrial Technology 9-12 • Industrial Education K-12 • Occupational Specialist I, II or III in related course approved for a CTE pathway 	<ul style="list-style-type: none"> • Technology Education • Workplace Specialist I or II in related course approved for a CTE pathway 	<ul style="list-style-type: none"> • CTE: Trade & Industry: Energy Industry 5-12 • Technology Education 5-12 • Workplace Specialist: Energy Industry 9-12 • Workplace Specialist I or II in related course approved for a CTE pathway

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
Energy Technology	7266	Natural Gas Capstone	Energy & Natural Resources	NATL GAS CAP	<ul style="list-style-type: none"> Industrial Arts K-12 	<ul style="list-style-type: none"> Industrial Technology 9-12 Industrial Education K-12 Occupational Specialist I, II or III in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education Workplace Specialist I or II in related course approved for a CTE pathway 	<ul style="list-style-type: none"> CTE: Trade & Industry: Energy Industry 5-12 Technology Education 5-12 Workplace Specialist: Energy Industry 9-12 Workplace Specialist I or II in related course approved for a CTE pathway
Energy Technology	7365	Renewable Energy Alternatives	Energy & Natural Resources	RE ENGY ALT	<ul style="list-style-type: none"> Industrial Arts K-12 	<ul style="list-style-type: none"> Industrial Technology 9-12 Industrial Education K-12 Occupational Specialist I, II or III in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education Workplace Specialist I or II in related course approved for a CTE pathway 	<ul style="list-style-type: none"> CTE: Trade & Industry: Energy Industry 5-12 Technology Education 5-12 Workplace Specialist: Energy Industry 9-12 Workplace Specialist I or II in related course approved for a CTE pathway
Water Systems - Utilities	7381	Principles of Public Water Systems	Agriculture	PRIN WATER SYS	<ul style="list-style-type: none"> Industrial Arts K-12 	<ul style="list-style-type: none"> Industrial Technology 9-12 Industrial Education K-12 Occupational Specialist I, II or III in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education Workplace Specialist I or II in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education CTE:T&I: Public Water System Technician Workplace Specialist: Public Water System Technician
Water Systems - Utilities	7382	Water Systems Fundamentals	Agriculture	WATER SYS FUND	<ul style="list-style-type: none"> Industrial Arts K-12 	<ul style="list-style-type: none"> Industrial Technology 9-12 Industrial Education K-12 Occupational Specialist I, II or III in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education Workplace Specialist I or II in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education CTE:T&I: Public Water System Technician Workplace Specialist: Public Water System Technician
Water Systems - Utilities	7383	Advanced Water Systems	Agriculture	ADV WATER SYS	<ul style="list-style-type: none"> Industrial Arts K-12 	<ul style="list-style-type: none"> Industrial Technology 9-12 Industrial Education K-12 Occupational Specialist I, II or III in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education Workplace Specialist I or II in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education CTE:T&I: Public Water System Technician Workplace Specialist: Public Water System Technician
Water Systems - Utilities	7384	Water Systems Capstone	Agriculture	WATER SYS CAP	<ul style="list-style-type: none"> Industrial Arts K-12 	<ul style="list-style-type: none"> Industrial Technology 9-12 Industrial Education K-12 Occupational Specialist I, II or III in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education Workplace Specialist I or II in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education CTE:T&I: Public Water System Technician Workplace Specialist: Public Water System Technician
	6128	Advanced Career & Technical Education, College Credit: Transportation	Supply Chain & Transportation	ADV CTE CC TRANS	<ul style="list-style-type: none"> Industrial Arts 7-12, K-12 Appropriate Vocational license 	<ul style="list-style-type: none"> Industrial Technology K-12 Industrial Education K12 Occupational Specialist I, II or III in related course approved for a CTE pathway Appropriate Vocational license 	<ul style="list-style-type: none"> Technology Education with high school setting Workplace Specialist I or II in related course approved for a CTE pathway Appropriate CTE license 	<ul style="list-style-type: none"> Technology Education 5-12 Workplace Specialist I or II in related course approved for a CTE pathway Appropriate CTE license
	6156	Transportation: Special Topics	Supply Chain & Transportation	TRANS ST	<ul style="list-style-type: none"> Industrial Arts 7-12, K-12 Appropriate Vocational license 	<ul style="list-style-type: none"> Industrial Technology K-12 Industrial Education K12 Occupational Specialist I, II or III in related course approved for a CTE pathway Appropriate Vocational license 	<ul style="list-style-type: none"> Technology Education with high school setting Workplace Specialist I or II in related course approved for a CTE pathway Appropriate CTE license 	<ul style="list-style-type: none"> Technology Education 5-12 Workplace Specialist I or II in related course approved for a CTE pathway Appropriate CTE license
	4798	Introduction to Transportation	Supply Chain & Transportation	INT TRANS	<ul style="list-style-type: none"> Industrial Arts 7-12, K12 	<ul style="list-style-type: none"> Industrial Technology K-12 Industrial Education K-12 Occupational Specialist I, II or III in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education with high school setting Workplace Specialist I or II in related course approved for a CTE pathway 	<ul style="list-style-type: none"> Technology Education 5-12 Workplace Specialist I or II in related course approved for a CTE pathway
Automotive Services	7213	Principles of Automotive Services	Supply Chain & Transportation	PRIN AUTO SER	<ul style="list-style-type: none"> Industrial Arts 7-12, K-12 Standard Trade & Industrial: Auto Mechanics K-12 Appropriate Vocational license 	<ul style="list-style-type: none"> Industrial Technology K-12 Industrial Education K-12 Standard Trade & Industrial: Auto Mechanics 9-12 Occupational Specialist I, II or III: Auto Mechanics 9-12 Occupational Specialist I, II or III in related course approved for a CTE pathway Appropriate Vocational license 	<ul style="list-style-type: none"> Technology Education with high school setting CTE: Trade & Industrial: Automotive Services Technology Workplace Specialist: Automotive Services Technology Workplace Specialist I or II in related course approved for a CTE pathway Appropriate CTE license 	<ul style="list-style-type: none"> Technology Education 5-12 CTE: Trade & Industrial Automotive Services 5-12 Workplace Specialist: Automotive Services 9-12 Workplace Specialist I or II in related course approved for a CTE pathway Appropriate CTE license
Automotive Services	7205	Brake Systems	Supply Chain & Transportation	BRK SYS	<ul style="list-style-type: none"> Industrial Arts 7-12, K-12 Standard Trade & Industrial: Auto Mechanics K-12 Appropriate Vocational license 	<ul style="list-style-type: none"> Industrial Technology K-12 Industrial Education K-12 Standard Trade & Industrial: Auto Mechanics 9-12 Occupational Specialist I, II or III: Auto Mechanics 9-12 Occupational Specialist I, II or III in related course approved for a CTE pathway Appropriate Vocational license 	<ul style="list-style-type: none"> Technology Education with high school setting CTE: Trade & Industrial: Automotive Services Technology Workplace Specialist: Automotive Services Technology Workplace Specialist I or II in related course approved for a CTE pathway Appropriate CTE license 	<ul style="list-style-type: none"> Technology Education 5-12 CTE: Trade & Industrial Automotive Services 5-12 Workplace Specialist: Automotive Services 9-12 Workplace Specialist I or II in related course approved for a CTE pathway Appropriate CTE license

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
Automotive Services	7212	Steering and Suspensions	Supply Chain & Transportation	STEER SUSP	<ul style="list-style-type: none"> Industrial Arts 7-12, K-12 Standard Trade & Industrial: Auto Mechanics K-12 Appropriate Vocational license 	<ul style="list-style-type: none"> Industrial Technology K-12 Industrial Education K-12 Standard Trade & Industrial: Auto Mechanics 9-12 Occupational Specialist I, II or III: Auto Mechanics 9-12 Occupational Specialist I, II or III in related course approved for a CTE pathway Appropriate Vocational license 	<ul style="list-style-type: none"> Technology Education with high school setting CTE: Trade & Industrial: Automotive Services Technology Workplace Specialist: Automotive Services Technology Workplace Specialist I or II in related course approved for a CTE pathway Appropriate CTE license 	<ul style="list-style-type: none"> Technology Education 5-12 CTE: Trade & Industrial Automotive Services 5-12 Workplace Specialist: Automotive Services 9-12 Workplace Specialist I or II in related course approved for a CTE pathway Appropriate CTE license
Automotive Services	7375	Automotive Service Capstone	Supply Chain & Transportation	AUTO SRV CAP	<ul style="list-style-type: none"> Industrial Arts 7-12, K-12 Standard Trade & Industrial: Auto Mechanics K-12 Appropriate Vocational license 	<ul style="list-style-type: none"> Industrial Technology K-12 Industrial Education K-12 Standard Trade & Industrial: Auto Mechanics 9-12 Occupational Specialist I, II or III: Auto Mechanics 9-12 Occupational Specialist I, II or III in related course approved for a CTE pathway Appropriate Vocational license 	<ul style="list-style-type: none"> Technology Education with high school setting CTE: Trade & Industrial: Automotive Services Technology Workplace Specialist: Automotive Services Technology Workplace Specialist I or II in related course approved for a CTE pathway Appropriate CTE license 	<ul style="list-style-type: none"> Technology Education 5-12 CTE: Trade & Industrial Automotive Services 5-12 Workplace Specialist: Automotive Services 9-12 Workplace Specialist I or II in related course approved for a CTE pathway Appropriate CTE license
Automotive Collision Repair	7215	Principles of Collision Repair	Supply Chain & Transportation	PRIN COL REP	<ul style="list-style-type: none"> Industrial Arts 7-12, K-12 	<ul style="list-style-type: none"> Industrial Technology K-12 Industrial Education K-12 Standard Trade & Industrial: Body & Fender Repair 9-12 Occupational Specialist I, II or III: Body & Fender Repair 9-12 	<ul style="list-style-type: none"> Technology Education with high school setting CTE: Trade & Industrial: Automotive Collision Repair Technology Workplace Specialist: Automotive Collision Repair Technology 	<ul style="list-style-type: none"> Technology Education 5-12 CTE: Trade & Industrial Automotive Collision Repair 5-12 Workplace Specialist: Automotive Collision Repair 9-12
Automotive Collision Repair	7204	Automotive Body Repair	Supply Chain & Transportation	AUTO BDY REP	<ul style="list-style-type: none"> Industrial Arts 7-12, K-12 	<ul style="list-style-type: none"> Industrial Technology K-12 Industrial Education K-12 Standard Trade & Industrial: Body & Fender Repair 9-12 Occupational Specialist I, II or III: Body & Fender Repair 9-12 	<ul style="list-style-type: none"> Technology Education with high school setting CTE: Trade & Industrial: Automotive Collision Repair Technology Workplace Specialist: Automotive Collision Repair Technology 	<ul style="list-style-type: none"> Technology Education 5-12 CTE: Trade & Industrial Automotive Collision Repair 5-12 Workplace Specialist: Automotive Collision Repair 9-12
Automotive Collision Repair	7206	Plastic Body Repair and Paint Fundamentals	Supply Chain & Transportation	PAINT FUND	<ul style="list-style-type: none"> Industrial Arts 7-12, K-12 	<ul style="list-style-type: none"> Industrial Technology K-12 Industrial Education K-12 Standard Trade & Industrial: Body & Fender Repair 9-12 Occupational Specialist I, II or III: Body & Fender Repair 9-12 	<ul style="list-style-type: none"> Technology Education with high school setting CTE: Trade & Industrial: Automotive Collision Repair Technology Workplace Specialist: Automotive Collision Repair Technology 	<ul style="list-style-type: none"> Technology Education 5-12 CTE: Trade & Industrial Automotive Collision Repair 5-12 Workplace Specialist: Automotive Collision Repair 9-12
Automotive Collision Repair	7380	Collision Repair Capstone	Supply Chain & Transportation	COLL RPR CAP	<ul style="list-style-type: none"> Industrial Arts 7-12, K-12 	<ul style="list-style-type: none"> Industrial Technology K-12 Industrial Education K-12 Standard Trade & Industrial: Body & Fender Repair 9-12 Occupational Specialist I, II or III: Body & Fender Repair 9-12 	<ul style="list-style-type: none"> Technology Education with high school setting CTE: Trade & Industrial: Automotive Collision Repair Technology Workplace Specialist: Automotive Collision Repair Technology 	<ul style="list-style-type: none"> Technology Education 5-12 CTE: Trade & Industrial Automotive Collision Repair 5-12 Workplace Specialist: Automotive Collision Repair 9-12
Diesel Services	7216	Principles of Diesel Technology	Supply Chain & Transportation	PRIN DSL SERV	<ul style="list-style-type: none"> Standard Trade & Industrial: Diesel Mechanics K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Diesel Mechanics 9-12 Occupational Specialist I, II or III: Diesel Mechanics 9-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Diesel Service Technology Workplace Specialist: Diesel Service Technology 	<ul style="list-style-type: none"> CTE: Trade & Industrial Diesel Services 5-12 Workplace Specialist: Diesel Service 9-12
Diesel Services	7210	Diesel Steering and Brakes	Supply Chain & Transportation	DSL STR BRKS	<ul style="list-style-type: none"> Standard Trade & Industrial: Diesel Mechanics K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Diesel Mechanics 9-12 Occupational Specialist I, II or III: Diesel Mechanics 9-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Diesel Service Technology Workplace Specialist: Diesel Service Technology 	<ul style="list-style-type: none"> CTE: Trade & Industrial Diesel Services 5-12 Workplace Specialist: Diesel Service 9-12
Diesel Services	7211	Diesel Transmissions	Supply Chain & Transportation	DSL TRN ENGI REP	<ul style="list-style-type: none"> Standard Trade & Industrial: Diesel Mechanics K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Diesel Mechanics 9-12 Occupational Specialist I, II or III: Diesel Mechanics 9-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Diesel Service Technology Workplace Specialist: Diesel Service Technology 	<ul style="list-style-type: none"> CTE: Trade & Industrial Diesel Services 5-12 Workplace Specialist: Diesel Service 9-12
Diesel Services	7221	Diesel Services Capstone	Supply Chain & Transportation	DESL SRV CAP	<ul style="list-style-type: none"> Standard Trade & Industrial: Diesel Mechanics K-12 	<ul style="list-style-type: none"> Standard Trade & Industrial: Diesel Mechanics 9-12 Occupational Specialist I, II or III: Diesel Mechanics 9-12 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Diesel Service Technology Workplace Specialist: Diesel Service Technology 	<ul style="list-style-type: none"> CTE: Trade & Industrial Diesel Services 5-12 Workplace Specialist: Diesel Service 9-12
Commercial Drivers License (CDL)	7386	Principles of Transportation and Logistics	Supply Chain & Transportation	PRIN TRANS LOG	<ul style="list-style-type: none"> No License Available 	<ul style="list-style-type: none"> No License Available 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Tractor/Trailer Operation Workplace Specialist: Tractor/Trailer Operation 	<ul style="list-style-type: none"> CTE: Trade & Industrial Tractor/Trailer Operation 5-12 Workplace Specialist: Tractor/Trailer Operation 9-12
Commercial Drivers License (CDL)	7387	Commercial Drivers Operations Fundamentals	Supply Chain & Transportation	CDL OPER FUND	<ul style="list-style-type: none"> No License Available 	<ul style="list-style-type: none"> No License Available 	<ul style="list-style-type: none"> CTE: Trade & Industrial: Tractor/Trailer Operation Workplace Specialist: Tractor/Trailer Operation 	<ul style="list-style-type: none"> CTE: Trade & Industrial Tractor/Trailer Operation 5-12 Workplace Specialist: Tractor/Trailer Operation 9-12

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
Commercial Drivers License (CDL)	7388	Advanced Commercial Drivers Operations	Supply Chain & Transportation	ADV CDL FUND	<ul style="list-style-type: none"> • No License Available 	<ul style="list-style-type: none"> • No License Available 	<ul style="list-style-type: none"> • CTE: Trade & Industrial: Tractor/Trailer Operation • Workplace Specialist: Tractor/Trailer Operation 	<ul style="list-style-type: none"> • CTE: Trade & Industrial Tractor/Trailer Operation 5-12 • Workplace Specialist: Tractor/Trailer Operation 9-12
	5622	Tractor/Trailer Operation	Supply Chain & Transportation	TRACT OPER	<ul style="list-style-type: none"> • No License Available 	<ul style="list-style-type: none"> • No License Available 	<ul style="list-style-type: none"> • CTE: Trade & Industrial: Tractor/Trailer Operation • Workplace Specialist: Tractor/Trailer Operation 	<ul style="list-style-type: none"> • CTE: Trade & Industrial Tractor/Trailer Operation 5-12 • Workplace Specialist: Tractor/Trailer Operation 9-12
Aviation Maintenance	7372	Principles of Aviation Maintenance	Supply Chain & Transportation	PRIN AVI MAI	<ul style="list-style-type: none"> • Standard Trade & Industrial: Aircraft Maintenance K-12 	<ul style="list-style-type: none"> • Standard Trade & Industrial: Aircraft Maintenance 9-12 • Occupational Specialist I, II, or III: Aircraft Maintenance 9-12 	<ul style="list-style-type: none"> • CTE: Trade & Industrial: Aviation Maintenance Technology • Workplace Specialist: Aviation Maintenance Technology 	<ul style="list-style-type: none"> • CTE: Trade & Industrial: Aircraft Maintenance 5-12 • Workplace Specialist: Aviation 9-12
Aviation Maintenance	7374	Aviation Maintenance Fundamentals	Supply Chain & Transportation	AVI MAIN FUN	<ul style="list-style-type: none"> • Standard Trade & Industrial: Aircraft Maintenance K-12 	<ul style="list-style-type: none"> • Standard Trade & Industrial: Aircraft Maintenance 9-12 • Occupational Specialist I, II, or III: Aircraft Maintenance 9-12 	<ul style="list-style-type: none"> • CTE: Trade & Industrial: Aviation Maintenance Technology • Workplace Specialist: Aviation Maintenance Technology 	<ul style="list-style-type: none"> • CTE: Trade & Industrial: Aircraft Maintenance 5-12 • Workplace Specialist: Aviation 9-12
Aviation Maintenance	7376	Advanced Aviation Maintenance	Supply Chain & Transportation	ADV AVI MAIN	<ul style="list-style-type: none"> • Standard Trade & Industrial: Aircraft Maintenance K-12 	<ul style="list-style-type: none"> • Standard Trade & Industrial: Aircraft Maintenance 9-12 • Occupational Specialist I, II, or III: Aircraft Maintenance 9-12 	<ul style="list-style-type: none"> • CTE: Trade & Industrial: Aviation Maintenance Technology • Workplace Specialist: Aviation Maintenance Technology 	<ul style="list-style-type: none"> • CTE: Trade & Industrial: Aircraft Maintenance 5-12 • Workplace Specialist: Aviation 9-12
Aviation Maintenance	7378	Aviation Maintenance Capstone	Supply Chain & Transportation	AVI MAIN CAP	<ul style="list-style-type: none"> • Standard Trade & Industrial: Aircraft Maintenance K-12 	<ul style="list-style-type: none"> • Standard Trade & Industrial: Aircraft Maintenance 9-12 • Occupational Specialist I, II, or III: Aircraft Maintenance 9-12 	<ul style="list-style-type: none"> • CTE: Trade & Industrial: Aviation Maintenance Technology • Workplace Specialist: Aviation Maintenance Technology 	<ul style="list-style-type: none"> • CTE: Trade & Industrial: Aircraft Maintenance 5-12 • Workplace Specialist: Aviation 9-12
Aviation Management	7214	Principles of Aviation Management	Supply Chain & Transportation	PRIN AVI MAN	<ul style="list-style-type: none"> • Standard Trade & Industrial: Aircraft Operations K-12 	<ul style="list-style-type: none"> • Standard Trade & Industrial: Aircraft Operations 9-12 • Occupational Specialist I, II or III: Aircraft Operations 9-12 	<ul style="list-style-type: none"> • CTE: Trade & Industrial: Aviation Operations • Workplace Specialist: Aviation Operations 	<ul style="list-style-type: none"> • CTE: Trade & Industrial Aviation Operations 5-12 • Workplace Specialist: Aviation 9-12
Aviation Management	7217	Private Pilot Theory	Supply Chain & Transportation	PVT PLT THRY	<ul style="list-style-type: none"> • Standard Trade & Industrial: Aircraft Operations K-12 	<ul style="list-style-type: none"> • Standard Trade & Industrial: Aircraft Operations 9-12 • Occupational Specialist I, II or III: Aircraft Operations 9-12 	<ul style="list-style-type: none"> • CTE: Trade & Industrial: Aviation Operations • Workplace Specialist: Aviation Operations 	<ul style="list-style-type: none"> • CTE: Trade & Industrial Aviation Operations 5-12 • Workplace Specialist: Aviation 9-12
Aviation Management	7207	Aviation Safety and Operations	Supply Chain & Transportation	AVI SAF OPS	<ul style="list-style-type: none"> • Standard Trade & Industrial: Aircraft Operations K-12 	<ul style="list-style-type: none"> • Standard Trade & Industrial: Aircraft Operations 9-12 • Occupational Specialist I, II or III: Aircraft Operations 9-12 	<ul style="list-style-type: none"> • CTE: Trade & Industrial: Aviation Operations • Workplace Specialist: Aviation Operations 	<ul style="list-style-type: none"> • CTE: Trade & Industrial Aviation Operations 5-12 • Workplace Specialist: Aviation 9-12
Aviation Management	7385	Aviation Management Capstone	Supply Chain & Transportation	AVI MGMT CAP	<ul style="list-style-type: none"> • Standard Trade & Industrial: Aircraft Operations K-12 	<ul style="list-style-type: none"> • Standard Trade & Industrial: Aircraft Operations 9-12 • Occupational Specialist I, II or III: Aircraft Operations 9-12 	<ul style="list-style-type: none"> • CTE: Trade & Industrial: Aviation Operations • Workplace Specialist: Aviation Operations 	<ul style="list-style-type: none"> • CTE: Trade & Industrial Aviation Operations 5-12 • Workplace Specialist: Aviation 9-12