

**Assignment Codes updated as of October 11, 2023. Minimal additional updates may still be made. The document name will be updated with most recent date.**

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"> <li>• Licensing per NonStandard Course Wavier</li> </ul>	<ul style="list-style-type: none"> <li>• Licensing per Non-Standard Course Wavier</li> </ul>	<ul style="list-style-type: none"> <li>• Licensing per Non-Standard Course Wavier</li> </ul>	<ul style="list-style-type: none"> <li>• Licensing per Non-Standard Course Wavier</li> </ul>
	7392	Career & Technical Education Principles Course: (Insert title descriptive of course content)	CTE	CTE PRIN	<ul style="list-style-type: none"> <li>• Licensing per NonStandard Course Wavier</li> </ul>	<ul style="list-style-type: none"> <li>• Licensing per Non-Standard Course Wavier</li> </ul>	<ul style="list-style-type: none"> <li>• Licensing per Non-Standard Course Wavier</li> </ul>	<ul style="list-style-type: none"> <li>• Licensing per Non-Standard Course Wavier</li> </ul>
	7393	Career & Technical Education Concentrator A Course: (Insert title descriptive of course content)	CTE	CTE CONCA	<ul style="list-style-type: none"> <li>• Licensing per NonStandard Course Wavier</li> </ul>	<ul style="list-style-type: none"> <li>• Licensing per Non-Standard Course Wavier</li> </ul>	<ul style="list-style-type: none"> <li>• Licensing per Non-Standard Course Wavier</li> </ul>	<ul style="list-style-type: none"> <li>• Licensing per Non-Standard Course Wavier</li> </ul>
	7394	Career & Technical Education Concentrator B Course: (Insert title descriptive of course content)	CTE	CTE CONCB	<ul style="list-style-type: none"> <li>• Licensing per NonStandard Course Wavier</li> </ul>	<ul style="list-style-type: none"> <li>• Licensing per Non-Standard Course Wavier</li> </ul>	<ul style="list-style-type: none"> <li>• Licensing per Non-Standard Course Wavier</li> </ul>	<ul style="list-style-type: none"> <li>• Licensing per Non-Standard Course Wavier</li> </ul>
	7395	Career & Technical Education Capstone Course: (Insert title descriptive of course content)	CTE	CTE CAP	<ul style="list-style-type: none"> <li>• Licensing per NonStandard Course Wavier</li> </ul>	<ul style="list-style-type: none"> <li>• Licensing per Non-Standard Course Wavier</li> </ul>	<ul style="list-style-type: none"> <li>• Licensing per Non-Standard Course Wavier</li> </ul>	<ul style="list-style-type: none"> <li>• Licensing per Non-Standard Course Wavier</li> </ul>
	5237	CTSO Leadership Development in Action	CTE	LEAD DEV	<ul style="list-style-type: none"> <li>• Appropriate Vocational License AND local CTSO chapter advisor</li> <li>• Occupational Specialist II license in related area</li> </ul>	<ul style="list-style-type: none"> <li>• Appropriate Vocational License AND local CTSO chapter advisor</li> <li>• Occupational Specialist II license in related area</li> </ul>	<ul style="list-style-type: none"> <li>• Appropriate CTE License with high school setting AND local CTSO chapter advisor</li> <li>• Workplace Specialist II license in related area</li> </ul>	<ul style="list-style-type: none"> <li>• Appropriate CTE License 5-12 AND local CTSO chapter advisor</li> <li>• Workplace Specialist II license in related area</li> </ul>
	7156	Technical Skills Development	CTE	TECH SKL DEV	<ul style="list-style-type: none"> <li>• Trade &amp; Industrial Cooperative Teacher Coordinator</li> <li>• Distributive Education K-12</li> <li>• Vocational Agriculture K-12</li> <li>• Vocational Business &amp; Office Education</li> <li>• Vocational Home Economics</li> </ul>	<ul style="list-style-type: none"> <li>• ICE Endorsement</li> <li>• Any Agribusiness license 9- 12</li> <li>• Business Education with Vocational Business Endorsement 9-12</li> <li>• Any Standard Health Occupations license 9-12</li> <li>• Any Standard Trade &amp; Industrial license 9-12</li> <li>• Marketing Education 9-12</li> <li>• Distributive Education K-12</li> <li>• Occupational Education (FACS) 9-12</li> <li>• Occupational Specialist I, II or III in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>• Any CTE license with high school setting</li> <li>• Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>• Any CTE License 5-12</li> <li>• Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>
	5394	Preparing for College and Careers	CTE Foundational	PREP CC	<ul style="list-style-type: none"> <li>• Any 5-12 License</li> </ul>	<ul style="list-style-type: none"> <li>• Any 5-12 License</li> <li>• Any Occupational Specialist License</li> </ul>	<ul style="list-style-type: none"> <li>• Any 5-12 License</li> <li>• Any Workplace Specialist License</li> </ul>	<ul style="list-style-type: none"> <li>• Any 5-12 License</li> <li>• Any Workplace Specialist License</li> </ul>
	5394	Applied Preparing for College and Careers	CTE Foundational	PREP CC	<ul style="list-style-type: none"> <li>• Any 5-12 License</li> </ul>	<ul style="list-style-type: none"> <li>• Any 5-12 License</li> <li>• Any Occupational Specialist License</li> </ul>	<ul style="list-style-type: none"> <li>• Any 5-12 License</li> <li>• Any Workplace Specialist License</li> </ul>	<ul style="list-style-type: none"> <li>• Any Workplace Specialist License</li> </ul>
	4508	Technical/Business Communication	CTE Foundational	TECH BUS COMM	<ul style="list-style-type: none"> <li>• Business Education with Shorthand 7-12</li> <li>• English 7-12</li> </ul>	<ul style="list-style-type: none"> <li>• Business Education 9-12</li> <li>• English 9-12</li> </ul>	<ul style="list-style-type: none"> <li>• Business with high school setting</li> <li>• CTE: Business Services &amp; Technology with high school setting</li> <li>• Language Arts with high school setting</li> </ul>	<ul style="list-style-type: none"> <li>• Business 5-12</li> <li>• CTE: Business Services &amp; Technology 5-12</li> <li>• CTE: Business &amp; Information Technology 5-12</li> <li>• Language Arts 5-12</li> </ul>
	7218	Technical Math	CTE Foundational	TECH MATH	<ul style="list-style-type: none"> <li>• Business Education with Shorthand 7-12</li> <li>• Mathematics 7-12</li> </ul>	<ul style="list-style-type: none"> <li>• Business Education 9-12</li> <li>• Mathematics 7-12</li> </ul>	<ul style="list-style-type: none"> <li>• Business with high school setting</li> <li>• CTE: Business Services &amp; Technology with high school setting</li> <li>• Mathematics 7-12</li> </ul>	<ul style="list-style-type: none"> <li>• Business 5-12</li> <li>• CTE: Business Services &amp; Technology 5-12</li> <li>• CTE: Business &amp; Information Technology 5-12</li> <li>• Mathematics 5-12</li> <li>• Mathematics 5-12</li> </ul>
	5366	Human Development and Wellness	CTE Foundational	HUMAN DEV	<ul style="list-style-type: none"> <li>• Any Home Economics K-12</li> <li>• Health K-12</li> </ul>	<ul style="list-style-type: none"> <li>• Consumer Homemaking Education 9-12</li> <li>• Occupational Education (FACS) 9-12</li> <li>• Health 9-12</li> </ul>	<ul style="list-style-type: none"> <li>• CTE: Family &amp; Consumer Sciences with high school setting</li> <li>• Health with high school setting</li> </ul>	<ul style="list-style-type: none"> <li>• CTE: Family &amp; Consumer Sciences 5-12</li> <li>• Health 5-12</li> </ul>
	5366	Applied Human Development and Wellness	CTE Foundational	HUMAN DEV	<ul style="list-style-type: none"> <li>• Any Home Economics K-12</li> <li>• Health K-12</li> </ul>	<ul style="list-style-type: none"> <li>• Consumer Homemaking Education 9-12</li> <li>• Occupational Education (FACS) 9-12</li> <li>• Health 9-12</li> </ul>	<ul style="list-style-type: none"> <li>• CTE: Family &amp; Consumer Sciences with high school setting</li> <li>• Health with high school setting</li> </ul>	<ul style="list-style-type: none"> <li>• CTE: Family &amp; Consumer Sciences 5-12</li> <li>• Health 5-12</li> </ul>
	5364	Interpersonal Relationships	CTE Foundational	INTRP RLT	<ul style="list-style-type: none"> <li>• Any Home Economics K-12</li> <li>• Any Vocational License</li> </ul>	<ul style="list-style-type: none"> <li>• Consumer Homemaking Education 9-12</li> <li>• Occupational Education (FACS) 9-12</li> <li>• Any Occupational license</li> </ul>	<ul style="list-style-type: none"> <li>• CTE: Family &amp; Consumer Sciences with high school setting</li> <li>• Any CTE License</li> </ul>	<ul style="list-style-type: none"> <li>• CTE: Family &amp; Consumer Sciences 5-12</li> <li>• Any CTE License</li> </ul>
	5364	Applied Interpersonal Relationships	CTE Foundational	INTRP RLT	<ul style="list-style-type: none"> <li>• Any Home Economics K-12</li> <li>• Any Vocational License</li> </ul>	<ul style="list-style-type: none"> <li>• Consumer Homemaking Education 9-12</li> <li>• Occupational Education (FACS) 9-12</li> <li>• Any Occupational license</li> </ul>	<ul style="list-style-type: none"> <li>• CTE: Family &amp; Consumer Sciences with high school setting</li> <li>• Any CTE License</li> </ul>	<ul style="list-style-type: none"> <li>• CTE: Family &amp; Consumer Sciences 5-12</li> <li>• Any CTE License</li> </ul>

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
	5362	Child Development	CTE Foundational	CHLD DEV	<ul style="list-style-type: none"> <li>Any Home Economics K-12</li> <li>Nursery School</li> <li>Psychology 7-12</li> <li>A teacher with an Elementary, Kindergarten-Primary, Early Childhood or Psychology license with 5 years teaching experience</li> </ul>	<ul style="list-style-type: none"> <li>Consumer Homemaking Education 9-12</li> <li>Occupational Education (FACS) 9-12</li> <li>Occupational Specialist: Child Development 9-12</li> <li>A teacher with an Elementary, Kindergarten-Primary, Early Childhood or Psychology license with 5 years teaching experience</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Family &amp; Consumer Sciences with high school setting</li> <li>Early Childhood Education</li> <li>Psychology 5-12</li> <li>Workplace Specialist: Early Childhood Education &amp; Services with high school setting</li> <li>Workplace Specialist: Health Sciences – Special Topics with high school setting</li> <li>A teacher with an Elementary, Kindergarten-Primary, Early Childhood or Psychology license with 5 years teaching experience</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Family &amp; Consumer Sciences 5-12</li> <li>Early Childhood Education P-3</li> <li>Psychology 5-12</li> <li>Workplace Specialist: Early Childhood Education &amp; Services 9-12</li> <li>Workplace Specialist: Health Sciences – Special Topics 9-12</li> <li>A teacher with an Elementary, Kindergarten-Primary, Early Childhood or Psychology license with 5 years teaching experience</li> </ul>
	5360	Advanced Child Development	CTE Foundational	ADVCHLDDEV	<ul style="list-style-type: none"> <li>Any Home Economics K-12</li> <li>A teacher with an Elementary, Kindergarten-Primary, Early Childhood or Psychology license with 5 years teaching experience</li> </ul>	<ul style="list-style-type: none"> <li>Consumer Homemaking Education 9-12</li> <li>Occupational Education (FACS) 9-12</li> <li>A teacher with an Elementary, Kindergarten-Primary, Early Childhood or Psychology license with 5 years teaching experience</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Family &amp; Consumer Sciences with high school setting</li> <li>Workplace Specialist: Early Childhood Education &amp; Services with work experience as lead teacher in a preschool setting</li> <li>A teacher with an Elementary, Kindergarten-Primary, Early Childhood or Psychology license with 5 years teaching experience</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Family &amp; Consumer Sciences 5-12</li> <li>Workplace Specialist: Early Childhood Education &amp; Services with work experience as lead teacher in a preschool setting</li> <li>A teacher with an Elementary, Kindergarten-Primary, Early Childhood or Psychology license with 5 years teaching experience</li> </ul>
	5342	Nutrition and Wellness	CTE Foundational	NTRN WLNS	<ul style="list-style-type: none"> <li>Any Home Economics K-12</li> <li>Health K-12</li> <li>Physical Education And Health 7-12</li> </ul>	<ul style="list-style-type: none"> <li>Consumer Homemaking Education 9-12</li> <li>Occupational Education (FACS) 9-12</li> <li>Health 9-12</li> <li>Occupational Specialist Health Careers 9-12</li> <li>Health Occupations 9-12</li> <li>A related Occupational Specialist with specific training/experience in nutrition and wellness</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Family &amp; Consumer Sciences with high school setting</li> <li>Health with high school setting</li> <li>CTE: Health Occupations with high school setting</li> <li>Workplace Specialist: Anatomy &amp; Physiology with high school setting</li> <li>Workplace Specialist: Health Science – Special Topics with high school setting</li> <li>Workplace Specialist: Nursing with high school setting</li> <li>A related Workplace Specialist with specific training/experience in nutrition and wellness</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Family &amp; Consumer Sciences 5-12</li> <li>Health 5-12</li> <li>CTE: Health Occupations 5-12</li> <li>Workplace Specialist: Anatomy &amp; Physiology 9-12</li> <li>Workplace Specialist: Health Science – Special Topics 9-12</li> <li>Workplace Specialist: Nursing 9-12</li> <li>A related Workplace Specialist with specific training/experience in nutrition and wellness</li> </ul>
	5342	Applied Nutrition and Wellness	CTE Foundational	NTRN WLNS	<ul style="list-style-type: none"> <li>Any Home Economics K-12</li> <li>Health K-12</li> <li>Physical Education And Health 7-12</li> </ul>	<ul style="list-style-type: none"> <li>Consumer Homemaking Education 9-12</li> <li>Occupational Education (FACS) 9-12</li> <li>Health 9-12</li> <li>Occupational Specialist Health Careers 9-12</li> <li>Health Occupations 9-12</li> <li>A related Occupational Specialist with specific training/experience in nutrition and wellness</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Family &amp; Consumer Sciences with high school setting</li> <li>Health with high school setting</li> <li>CTE: Health Occupations with high school setting</li> <li>Workplace Specialist: Anatomy &amp; Physiology with high school setting</li> <li>Workplace Specialist: Health Science – Special Topics with high school setting</li> <li>Workplace Specialist: Nursing with high school setting</li> <li>A related Workplace Specialist with specific training/experience in nutrition and wellness</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Family &amp; Consumer Sciences 5-12</li> <li>Health 5-12</li> <li>CTE: Health Occupations 5-12</li> <li>Workplace Specialist: Anatomy &amp; Physiology 9-12</li> <li>Workplace Specialist: Health Science – Special Topics 9-12</li> <li>Workplace Specialist: Nursing 9-12</li> <li>A related Workplace Specialist with specific training/experience in nutrition and wellness</li> </ul>
	5340	Advanced Nutrition and Wellness	CTE Foundational	ADV NTRN WEL	<ul style="list-style-type: none"> <li>Any Home Economics K-12</li> </ul>	<ul style="list-style-type: none"> <li>Consumer Homemaking Education 9-12</li> <li>Occupational Education (FACS) 9-12</li> <li>A related Occupational Specialist with specific training/experience in nutrition and wellness</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Family &amp; Consumer Sciences with high school setting</li> <li>A related Workplace Specialist with specific training/experience in nutrition and wellness</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Family &amp; Consumer Sciences 5-12</li> <li>A related Workplace Specialist with specific training/experience in nutrition and wellness</li> </ul>
	5334	Consumer Economics	CTE Foundational	CONS ECON	<ul style="list-style-type: none"> <li>Any Home Economics K-12</li> <li>Economics 7-12</li> <li>Business 7-12</li> <li>Vocational Business 7-12</li> </ul>	<ul style="list-style-type: none"> <li>Consumer Homemaking Education 9-12</li> <li>Occupational Education (FACS) 9-12</li> <li>Economics 7-12</li> <li>Business 7-12</li> <li>Business Education with vocational education 7-12</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Family &amp; Consumer Sciences with high school setting</li> <li>Economics with high school setting</li> <li>Workplace Specialist: Business Management &amp; Finance with high school setting</li> <li>Business with high school setting</li> <li>CTE: Business Services &amp; Technology with high school setting</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Family &amp; Consumer Sciences 5-12</li> <li>Economics 5-12</li> <li>Workplace Specialist: Business Law 9-12</li> <li>Business 5-12</li> <li>CTE: Business Services &amp; Technology 5-12</li> <li>CTE: Business &amp; Information Technology 5-12</li> </ul>

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
	5334	Applied Consumer Economics	CTE Foundational	CONS ECON	<ul style="list-style-type: none"> <li>Any Home Economics K-12</li> <li>Economics 7-12</li> <li>Business 7-12</li> <li>Vocational Business 7- 12</li> </ul>	<ul style="list-style-type: none"> <li>Consumer Homemaking Education 9-12</li> <li>Occupational Education (FACS) 9-12</li> <li>Economics 7-12</li> <li>Business 7-12</li> <li>Business Education with vocational education 7- 12</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Family &amp; Consumer Sciences with high school setting</li> <li>Economics with high school setting</li> <li>Workplace Specialist: Business Management &amp; Finance with high school setting</li> <li>Business with high school setting</li> <li>CTE: Business Services &amp; Technology with high school setting</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Family &amp; Consumer Sciences 5-12</li> <li>Economics 5-12</li> <li>Workplace Specialist: Business Law 9-12</li> <li>Business 5-12</li> <li>CTE: Business Services &amp; Technology 5- 12</li> <li>CTE: Business &amp; Information Technology 5-12</li> </ul>
	5330	Adult Roles and Responsibilities	CTE Foundational	ADULTROLES	<ul style="list-style-type: none"> <li>Any Home Economics K12</li> <li>Any Vocational License</li> </ul>	<ul style="list-style-type: none"> <li>Consumer Homemaking Education 9-12</li> <li>Occupational Education (FACS) 9-12</li> <li>Any Vocational or Occupational license</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Family &amp; Consumer Sciences with high school setting</li> <li>Any CTE license</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Family &amp; Consumer Sciences 5-12</li> <li>Any CTE license</li> </ul>
	5330	Applied Adult Roles and Responsibilities	CTE Foundational	ADULTROLES	<ul style="list-style-type: none"> <li>Any Home Economics K12</li> <li>Any Vocational License</li> </ul>	<ul style="list-style-type: none"> <li>Consumer Homemaking Education 9-12</li> <li>Occupational Education (FACS) 9-12</li> <li>Any Vocational or Occupational license</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Family &amp; Consumer Sciences with high school setting</li> <li>Any CTE License</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Family &amp; Consumer Sciences 5-12</li> <li>Any CTE license</li> </ul>
	4540	Personal Financial Responsibility	CTE Foundational	PRSFINRSP	<ul style="list-style-type: none"> <li>Business Education with Vocational Business Endorsement 7-12</li> <li>Distributive Education K-12</li> <li>Any Home Economics K12</li> <li>Business Education 7- 12</li> <li>Economics 7-12</li> </ul>	<ul style="list-style-type: none"> <li>Business Education with Vocational Business Endorsement 9-12</li> <li>Marketing Education 9-12</li> <li>Distributive Education K-12</li> <li>Consumer Homemaking Education 9-12</li> <li>Occupational Education (FACS) 9-12</li> <li>Business Education 9-12</li> <li>Economics 9-12</li> </ul>	<ul style="list-style-type: none"> <li>Business</li> <li>CTE: Business Services &amp; Technology</li> <li>CTE: Family &amp; Consumer Sciences</li> <li>CTE: Marketing</li> <li>Economics</li> <li>Workplace Specialist I or II in a related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Business 5-12</li> <li>CTE: Business Services &amp; Technology</li> <li>CTE: Business &amp; Information Technology 5- 12</li> <li>CTE: Family &amp; Consumer Sciences 5-12</li> <li>CTE: Marketing 5-12</li> <li>Economics 5-12</li> <li>Workplace Specialist I or II in a related course approved for a CTE pathway</li> </ul>
	4540	Applied Personal Financial Responsibility	CTE Foundational	PRS FIN RSP	<ul style="list-style-type: none"> <li>Business Education with Vocational Business Endorsement 7-12</li> <li>Distributive Education K-12</li> <li>Any Home Economics K12</li> <li>Business Education 7- 12</li> <li>Economics 7-12</li> </ul>	<ul style="list-style-type: none"> <li>Business Education with Vocational Business Endorsement 9-12</li> <li>Marketing Education 9-12</li> <li>Distributive Education K-12</li> <li>Consumer Homemaking Education 9-12</li> <li>Occupational Education (FACS) 9-12</li> <li>Business Education 9-12</li> <li>Economics 9-12</li> </ul>	<ul style="list-style-type: none"> <li>Business</li> <li>CTE: Business Services &amp; Technology</li> <li>CTE: Family &amp; Consumer Sciences</li> <li>CTE: Marketing</li> <li>Economics</li> <li>Workplace Specialist I or II in a related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Business 5-12</li> <li>CTE: Business Services &amp; Technology</li> <li>CTE: Business &amp; Information Technology 5- 12</li> <li>CTE: Family &amp; Consumer Sciences 5-12</li> <li>CTE: Marketing 5-12</li> <li>Economics 5-12</li> <li>Workplace Specialist I or II in a related course approved for a CTE pathway</li> </ul>
	5974	Work Based Learning Capstone	CTE WBL	WBL	<ul style="list-style-type: none"> <li>Any licensed school counselor</li> <li>Trade &amp; Industrial Cooperative Teacher Coordinator</li> </ul>	<ul style="list-style-type: none"> <li>Any licensed school counselor</li> <li>Occupational Specialist I, II or III in related course approved for a CTE pathway</li> <li>ICE Endorsement</li> </ul>	<ul style="list-style-type: none"> <li>Any licensed school counselor</li> <li>Any CTE or Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Any licensed school counselor</li> <li>Any CTE or Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>
	5974	Applied Work Based Learning Capstone	CTE WBL	WBL	<ul style="list-style-type: none"> <li>Any licensed school counselor</li> <li>Trade &amp; Industrial Cooperative Teacher Coordinator</li> </ul>	<ul style="list-style-type: none"> <li>Any licensed school counselor</li> <li>Occupational Specialist I, II or III in related course approved for a CTE pathway</li> <li>ICE Endorsement</li> </ul>	<ul style="list-style-type: none"> <li>Any licensed school counselor</li> <li>Any CTE or Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Any licensed school counselor</li> <li>Any CTE or Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>
	0530	Career Exploration Internship	CTE WBL	CARR EXP	<ul style="list-style-type: none"> <li>Trade &amp; Industrial Cooperative Teacher Coordinator</li> <li>Distributive Education K-12</li> <li>Vocational Agriculture K-12</li> <li>Vocational Business &amp; Office Education</li> <li>Vocational Home Economics</li> </ul>	<ul style="list-style-type: none"> <li>ICE Endorsement</li> <li>Any Agribusiness license 9- 12</li> <li>Business Education with Vocational Business Endorsement 9-12</li> <li>Any Standard Health Occupations license 9-12</li> <li>Any Standard Trade &amp; Industrial license 9-12</li> <li>Marketing Education 9-12</li> <li>Distributive Education K-12</li> <li>Occupational Education (FACS) 9-12</li> <li>Occupational Specialist I, II or III in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Any CTE license with high school setting</li> <li>Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Any CTE License 5-12</li> <li>Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
	0530	Applied Career Exploration Internship	CTE WBL	CARR EXP	<ul style="list-style-type: none"> <li>Trade &amp; Industrial Cooperative Teacher Coordinator</li> <li>Distributive Education K-12</li> <li>Vocational Agriculture K-12</li> <li>Vocational Business &amp; Office Education</li> <li>Vocational Home Economics</li> </ul>	<ul style="list-style-type: none"> <li>ICE Endorsement</li> <li>Any Agribusiness license 9-12</li> <li>Business Education with Vocational Business Endorsement 9-12</li> <li>Any Standard Health Occupations license 9-12</li> <li>Any Standard Trade &amp; Industrial license 9-12</li> <li>Marketing Education 9-12</li> <li>Distributive Education K-12</li> <li>Occupational Education (FACS) 9-12</li> <li>Occupational Specialist I, II or III in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Any CTE license with high school setting</li> <li>Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Any CTE License 5-12</li> <li>Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>
	6162	Cooperative Education	CTE WBL	COOP EDU	<ul style="list-style-type: none"> <li>Any icensed school counselor</li> <li>Trade &amp; Industrial Cooperative Teacher Coordinator</li> </ul>	<ul style="list-style-type: none"> <li>Any licensed school counselor</li> <li>Occupational Specialist I, II or III in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Any licensed school counselor</li> <li>Any CTE or Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Any licensed school counselor</li> <li>Any CTE or Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>
	6162	Applied Cooperative Education	CTE WBL	COOP EDU	<ul style="list-style-type: none"> <li>Any icensed school counselor</li> <li>Trade &amp; Industrial Cooperative Teacher Coordinator</li> </ul>	<ul style="list-style-type: none"> <li>Any licensed school counselor</li> <li>Occupational Specialist I, II or III in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Any licensed school counselor</li> <li>Any CTE or Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Any licensed school counselor</li> <li>Any CTE or Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>
	6148	Apprenticeship	CTE WBL	APPSHIP	<ul style="list-style-type: none"> <li>Trade &amp; Industrial Cooperative Teacher Coordinator</li> <li>Distributive Education K-12</li> <li>Vocational Agriculture K-12</li> <li>Vocational Business &amp; Office Education</li> <li>Vocational Home Economics</li> </ul>	<ul style="list-style-type: none"> <li>ICE Endorsement</li> <li>Any Agribusiness license 9-12</li> <li>Business Education with Vocational Business Endorsement 9-12</li> <li>Any Standard Health Occupations license 9-12</li> <li>Any Standard Trade &amp; Industrial license 9-12</li> <li>Marketing Education 9-12</li> <li>Distributive Education K-12</li> <li>Occupational Education (FACS) 9-12</li> <li>Occupational Specialist I, II or III in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Any CTE license with high school setting</li> <li>Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Any CTE License 5-12</li> <li>Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>
	6146	Advanced Career & Technical Education, College Credit: Advanced Manufacturing	Advanced Manufacturing	ADV CTE CC AATC	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Manufacturing K-12</li> <li>Industrial Arts K-12</li> </ul>	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Engineering or Manufacturing 9-12</li> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> <li>Occupational Specialist I, II or III: Manufacturing 9-12</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial: Engineering or Manufacturing</li> <li>Workplace Specialist: Engineering or Manufacturing</li> <li>Technology Education with high school setting</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial Engineering or Manufacturing 5-12</li> <li>Workplace Specialist: Advanced Manufacturing 9-12</li> <li>Technology Education 5-12</li> </ul>
	4880	Advanced Manufacturing: Special Topics	Advanced Manufacturing	ADV MFTG ST	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Manufacturing K-12</li> <li>Industrial Arts K-12</li> </ul>	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Engineering or Manufacturing 9-12</li> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> <li>Occupational Specialist I, II or III: Manufacturing 9-12</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial: Engineering or Manufacturing</li> <li>Workplace Specialist: Engineering or Manufacturing</li> <li>Technology Education with high school setting</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial Engineering or Manufacturing 5-12</li> <li>Workplace Specialist: Advanced Manufacturing 9-12</li> <li>Technology Education 5-12</li> </ul>
	4796	Introduction to Advanced Manufacturing and Logistics	Advanced Manufacturing	INT ADV MFTG	<ul style="list-style-type: none"> <li>Industrial Arts 7-12, K12</li> </ul>	<ul style="list-style-type: none"> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> <li>Occupational Specialist I, II or III in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education with high school setting</li> <li>Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education 5-12</li> <li>Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>
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"> <li>Industrial Arts 7-12, K-12</li> <li>Standard Trade &amp; Industrial: Manufacturing K-12</li> </ul>	<ul style="list-style-type: none"> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> <li>Occupational Specialist I, II, or III: Engineering</li> <li>Standard Trade &amp; Industrial: Engineering or Manufacturing 9-12</li> <li>Occupational Specialist I, II or III: Manufacturing 9-12</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education with high school setting</li> <li>CTE: Trade &amp; Industrial: Engineering or Manufacturing</li> <li>Workplace Specialist: Engineering or Manufacturing 9-12</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education 5-12</li> <li>Workplace Specialist: Engineering 9-12</li> <li>Workplace Specialist: Industrial Automation &amp; Robotics</li> <li>ETE: Trade &amp; Industrial Engineering or Manufacturing 5-12</li> <li>Workplace Specialist: Advanced Manufacturing 9-12</li> </ul>

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
Industry 4.0 - Smart Manufacturing	4728	Robotics Design and Innovation	Advanced Manufacturing	RDI	<ul style="list-style-type: none"> <li>●Industrial Arts 7-12, K-12</li> <li>●Standard Trade &amp; Industrial: Manufacturing K-12</li> </ul>	<ul style="list-style-type: none"> <li>●Industrial Technology K-12</li> <li>●Industrial Education K-12</li> <li>●Occupational Specialist I, II, or III: Engineering</li> <li>●Standard Trade &amp; Industrial: Engineering or Manufacturing 9-12</li> <li>●Occupational Specialist I, II or III: Manufacturing 9-12</li> </ul>	<ul style="list-style-type: none"> <li>●Technology Education with high school setting</li> <li>●CTE: Trade &amp; Industrial: Engineering or Manufacturing</li> <li>●Workplace Specialist: Engineering or Manufacturing 9-12</li> </ul>	<ul style="list-style-type: none"> <li>●Technology Education 5-12</li> <li>●Workplace Specialist: Engineering 9-12</li> <li>●Workplace Specialist: Industrial Automation &amp; Robotics</li> <li>●CTE: Trade &amp; Industrial Engineering or Manufacturing 5-12</li> <li>●Workplace Specialist: Advanced Manufacturing 9-12</li> </ul>
Industry 4.0 - Smart Manufacturing	7100	Smart Manufacturing Systems	Advanced Manufacturing	DIG MAN SYS	<ul style="list-style-type: none"> <li>●Industrial Arts 7-12, K-12</li> <li>●Standard Trade &amp; Industrial: Manufacturing K-12</li> </ul>	<ul style="list-style-type: none"> <li>●Industrial Technology K-12</li> <li>●Industrial Education K-12</li> <li>●Occupational Specialist I, II, or III: Engineering</li> <li>●Standard Trade &amp; Industrial: Engineering or Manufacturing 9-12</li> <li>●Occupational Specialist I, II or III: Manufacturing 9-12</li> </ul>	<ul style="list-style-type: none"> <li>●Technology Education with high school setting</li> <li>●CTE: Trade &amp; Industrial: Engineering or Manufacturing</li> <li>●Workplace Specialist: Engineering or Manufacturing 9-12</li> </ul>	<ul style="list-style-type: none"> <li>●Technology Education 5-12</li> <li>●Workplace Specialist: Engineering 9-12</li> <li>●Workplace Specialist: Industrial Automation &amp; Robotics</li> <li>●CTE: Trade &amp; Industrial Engineering or Manufacturing 5-12</li> <li>●Workplace Specialist: Advanced Manufacturing 9-12</li> </ul>
Industry 4.0 - Smart Manufacturing	7222	Industry 4.0 - Smart Manufacturing Capstone	Advanced Manufacturing	DIG MANF CAP	<ul style="list-style-type: none"> <li>●Standard Trade &amp; Industrial: Manufacturing K-12</li> <li>●Industrial Arts K-12</li> </ul>	<ul style="list-style-type: none"> <li>●Standard Trade &amp; Industrial: Engineering or Manufacturing 9-12</li> <li>●Occupational Specialist I, II or III: Industrial Automation 9-12</li> <li>●Industrial Technology 9-12</li> <li>●Industrial Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>●CTE: Trade &amp; Industrial: Engineering or Manufacturing</li> <li>●Technology Education with high school setting</li> <li>●Workplace Specialist: Industrial Automation &amp; Robotics</li> </ul>	<ul style="list-style-type: none"> <li>●CTE: Trade &amp; Industrial Engineering or Manufacturing 5-12</li> <li>●Technology Education 5-12</li> <li>●Workplace Specialist: Industrial Automation &amp; Robotics 9-12</li> <li>●Technology Education 5-12</li> </ul>
Industrial Maintenance	7108	Principles of Advanced Manufacturing	Advanced Manufacturing	PRIN ADV MAN	<ul style="list-style-type: none"> <li>● Standard Trade &amp; Industrial: Manufacturing K-12</li> <li>● Standard Trade &amp; Industrial: Industrial Repair &amp; Maintenance K-12</li> <li>● Industrial ArtsK-12</li> </ul>	<ul style="list-style-type: none"> <li>● Standard Trade &amp; Industrial: Engineering or Manufacturing 9-12</li> <li>● Standard Trade &amp; Industrial: Industrial Repair &amp; Maintenance 9-12</li> <li>● Industrial Technology K-12</li> <li>● Industrial Education K-12</li> <li>● Occupational Specialist I, II or III: Manufacturing 9-12</li> <li>● Occupational Specialist I, II or III: Industrial Automation 9-12</li> <li>● Occupational Specialist I, II or III: Industrial Repair &amp; Maintenance 9-12</li> </ul>	<ul style="list-style-type: none"> <li>● CTE: Trade &amp; Industrial: Engineering or Manufacturing</li> <li>● CTE: Trade &amp; Industrial: Industrial Repair &amp; Maintenance</li> <li>● Workplace Specialist: Engineering or Manufacturing</li> <li>● Technology Education with high school setting</li> <li>● Workplace Specialist: Industrial Automation &amp; Robotics</li> <li>● Workplace Specialist: Industrial Repair &amp; Maintenance</li> </ul>	<ul style="list-style-type: none"> <li>● CTE: Trade &amp; Industrial Engineering or Manufacturing 5-12</li> <li>● CTE: Trade &amp; Industrial: Industrial Automation &amp; Robotics 5-12</li> <li>● CTE: Trade &amp; Industrial: Industrial Repair &amp; Maintenance 5-12</li> <li>● Technology Education 5-12</li> <li>● Workplace Specialist: Advanced Manufacturing 9-12</li> <li>● Workplace Specialist: Industrial Automation &amp; Robotics 9-12</li> <li>● Workplace Specialist: Industrial Repair &amp; Maintenance 9-12</li> </ul>
Industrial Maintenance	7103	Advanced Manufacturing Technology	Advanced Manufacturing	ADV MAN TECH	<ul style="list-style-type: none"> <li>● Standard Trade &amp; Industrial: Manufacturing K-12</li> <li>● Standard Trade &amp; Industrial: Industrial Repair &amp; Maintenance K-12</li> <li>● Industrial ArtsK-12</li> </ul>	<ul style="list-style-type: none"> <li>● Standard Trade &amp; Industrial: Engineering or Manufacturing 9-12</li> <li>● Standard Trade &amp; Industrial: Industrial Repair &amp; Maintenance 9-12</li> <li>● Industrial Technology K-12</li> <li>● Industrial Education K-12</li> <li>● Occupational Specialist I, II or III: Manufacturing 9-12</li> <li>● Occupational Specialist I, II or III: Industrial Automation 9-12</li> <li>● Occupational Specialist I, II or III: Industrial Repair &amp; Maintenance 9-12</li> </ul>	<ul style="list-style-type: none"> <li>● CTE: Trade &amp; Industrial: Engineering or Manufacturing</li> <li>● CTE: Trade &amp; Industrial: Industrial Repair &amp; Maintenance</li> <li>● Workplace Specialist: Engineering or Manufacturing</li> <li>● Technology Education with high school setting</li> <li>● Workplace Specialist: Industrial Automation &amp; Robotics</li> <li>● Workplace Specialist: Industrial Repair &amp; Maintenance</li> </ul>	<ul style="list-style-type: none"> <li>● CTE: Trade &amp; Industrial Engineering or Manufacturing 5-12</li> <li>● CTE: Trade &amp; Industrial: Industrial Automation &amp; Robotics 5-12</li> <li>● CTE: Trade &amp; Industrial: Industrial Repair &amp; Maintenance 5-12</li> <li>● Technology Education 5-12</li> <li>● Workplace Specialist: Advanced Manufacturing 9-12</li> <li>● Workplace Specialist: Industrial Automation &amp; Robotics 9-12</li> <li>● Workplace Specialist: Industrial Repair &amp; Maintenance 9-12</li> </ul>
Industrial Maintenance - Automation / Robotics	7106	Mechatronics Systems	Advanced Manufacturing	MECH SYS	<ul style="list-style-type: none"> <li>● Standard Trade &amp; Industrial: Manufacturing K-12</li> <li>● Standard Trade &amp; Industrial: Industrial Repair &amp; Maintenance K-12</li> <li>● Industrial ArtsK-12</li> </ul>	<ul style="list-style-type: none"> <li>● Standard Trade &amp; Industrial: Engineering or Manufacturing 9-12</li> <li>● Standard Trade &amp; Industrial: Industrial Repair &amp; Maintenance 9-12</li> <li>● Industrial Technology K-12</li> <li>● Industrial Education K-12</li> <li>● Occupational Specialist I, II or III: Manufacturing 9-12</li> <li>● Occupational Specialist I, II or III: Industrial Automation 9-12</li> <li>● Occupational Specialist I, II or III: Industrial Repair &amp; Maintenance 9-12</li> </ul>	<ul style="list-style-type: none"> <li>● CTE: Trade &amp; Industrial: Engineering or Manufacturing</li> <li>● CTE: Trade &amp; Industrial: Industrial Repair &amp; Maintenance</li> <li>● Workplace Specialist: Engineering or Manufacturing</li> <li>● Technology Education with high school setting</li> <li>● Workplace Specialist: Industrial Automation &amp; Robotics</li> <li>● Workplace Specialist: Industrial Repair &amp; Maintenance</li> </ul>	<ul style="list-style-type: none"> <li>● CTE: Trade &amp; Industrial Engineering or Manufacturing 5-12</li> <li>● CTE: Trade &amp; Industrial: Industrial Automation &amp; Robotics 5-12</li> <li>● CTE: Trade &amp; Industrial: Industrial Repair &amp; Maintenance 5-12</li> <li>● Technology Education 5-12</li> <li>● Workplace Specialist: Advanced Manufacturing 9-12</li> <li>● Workplace Specialist: Industrial Automation &amp; Robotics 9-12</li> <li>● Workplace Specialist: Industrial Repair &amp; Maintenance 9-12</li> </ul>

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"> <li>Standard Trade &amp; Industrial: Manufacturing K-12</li> <li>Standard Trade &amp; Industrial: Industrial Repair &amp; Maintenance K-12</li> <li>Industrial ArtsK-12</li> </ul>	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Engineering or Manufacturing 9-12</li> <li>Standard Trade &amp; Industrial: Industrial Repair &amp; Maintenance 9-12</li> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> <li>Occupational Specialist I, II or III: Manufacturing 9-12</li> <li>Occupational Specialist I, II or III: Industrial Automation 9-12</li> <li>Occupational Specialist I, II or III: Industrial Repair &amp; Maintenance 9-12</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial: Engineering or Manufacturing</li> <li>CTE: Trade &amp; Industrial: Industrial Repair &amp; Maintenance</li> <li>Workplace Specialist: Engineering or Manufacturing</li> <li>Technology Education with high school setting</li> <li>Workplace Specialist: Industrial Automation &amp; Robotics</li> <li>Workplace Specialist: Industrial Repair &amp; Maintenance</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial Engineering or Manufacturing 5-12</li> <li>CTE: Trade &amp; Industrial: Industrial Automation &amp; Robotics 5-12</li> <li>CTE: Trade &amp; Industrial: Industrial Repair &amp; Maintenance 5-12</li> <li>Technology Education 5-12</li> <li>Workplace Specialist: Advanced Manufacturing 9-12</li> <li>Workplace Specialist: Industrial Automation &amp; Robotics 9-12</li> <li>Workplace Specialist: Industrial Repair &amp; Maintenance 9-12</li> </ul>
Industrial Maintenance - Electrical	7102	Industrial Electrical Fundamentals	Advanced Manufacturing	IND ELC FUN	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Manufacturing K-12</li> <li>Standard Trade &amp; Industrial: Industrial Repair &amp; Maintenance K-12</li> <li>Industrial Arts K-12</li> <li>Standard Trade &amp; Industrial: Building Trades K-12</li> </ul>	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Engineering or Manufacturing 9-12</li> <li>Standard Trade &amp; Industrial: Industrial Repair &amp; Maintenance 9-12</li> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> <li>Standard Trade &amp; Industrial: Building Trades 9-12</li> <li>Occupational Specialist I, II or III: Building Trades 9-12</li> <li>Occupational Specialist I, II or III: Manufacturing 9-12</li> <li>Occupational Specialist I, II or III: Industrial Repair &amp; Maintenance 9-12</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial: Engineering or Manufacturing</li> <li>CTE: Trade &amp; Industrial: Industrial Repair &amp; Maintenance</li> <li>CTE: Trade &amp; Industrial: Building Trades Technology</li> <li>Workplace Specialist: Industrial Repair &amp; Maintenance</li> <li>Workplace Specialist: Engineering or Manufacturing</li> <li>Workplace Specialist: Industrial Technology or Industrial Electronics</li> <li>Technology Education with high school setting</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial: Engineering or Manufacturing 5-12</li> <li>CTE: Trade &amp; Industrial: Industrial Repair &amp; Maintenance 5-12</li> <li>CTE: Trade &amp; Industrial: Electrician 5-12</li> <li>Technology Education 5-12</li> <li>Workplace Specialist: Industrial Repair &amp; Maintenance 9-12</li> <li>Workplace Specialist: Electrical 9-12</li> </ul>
Industrial Maintenance - Electrical	7260	Industrial Electrical Capstone	Advanced Manufacturing	IND ELEC CAP	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Manufacturing K-12</li> <li>Standard Trade &amp; Industrial: Industrial Repair &amp; Maintenance K-12</li> <li>Industrial Arts K-12</li> <li>Standard Trade &amp; Industrial: Building Trades K-12</li> </ul>	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Engineering or Manufacturing 9-12</li> <li>Standard Trade &amp; Industrial: Industrial Repair &amp; Maintenance 9-12</li> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> <li>Standard Trade &amp; Industrial: Building Trades 9-12</li> <li>Occupational Specialist I, II or III: Building Trades 9-12</li> <li>Occupational Specialist I, II or III: Manufacturing 9-12</li> <li>Occupational Specialist I, II or III: Industrial Repair &amp; Maintenance 9-12</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial: Engineering or Manufacturing</li> <li>CTE: Trade &amp; Industrial: Industrial Repair &amp; Maintenance</li> <li>CTE: Trade &amp; Industrial: Building Trades Technology</li> <li>Workplace Specialist: Industrial Repair &amp; Maintenance</li> <li>Workplace Specialist: Engineering or Manufacturing</li> <li>Workplace Specialist: Industrial Technology or Industrial Electronics</li> <li>Technology Education with high school setting</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial: Engineering or Manufacturing 5-12</li> <li>CTE: Trade &amp; Industrial: Industrial Repair &amp; Maintenance 5-12</li> <li>CTE: Trade &amp; Industrial: Electrician 5-12</li> <li>Technology Education 5-12</li> <li>Workplace Specialist: Industrial Repair &amp; Maintenance 9-12</li> <li>Workplace Specialist: Electrical 9-12</li> </ul>
Industrial Maintenance - Mechanical	7104	Industrial Maintenance Fundamentals	Advanced Manufacturing	IND MAIN FUN	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Industrial Repair &amp; Maintenance K-12</li> <li>Industrial Arts K-12</li> </ul>	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Industrial Repair &amp; Maintenance 9-12</li> <li>Occupational Specialist I, II or III: Industrial Repair &amp; Maintenance 9-12</li> <li>Industrial Technology 9-12</li> <li>Industrial Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial: Industrial Repair &amp; Maintenance</li> <li>Workplace Specialist: Industrial Repair &amp; Maintenance</li> <li>Technology Education</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial: Industrial Repair &amp; Maintenance 5-12</li> <li>Workplace Specialist: Industrial Repair &amp; Maintenance 9-12</li> <li>Technology Education 5-12</li> </ul>
Industrial Maintenance - Mechanical	7261	Industrial Maintenance Capstone	Advanced Manufacturing	IND MAINT CAP	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Industrial Repair &amp; Maintenance K-12</li> <li>Industrial Arts K-12</li> </ul>	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Industrial Repair &amp; Maintenance 9-12</li> <li>Occupational Specialist I, II or III: Industrial Repair &amp; Maintenance 9-12</li> <li>Industrial Technology 9-12</li> <li>Industrial Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial: Industrial Repair &amp; Maintenance</li> <li>Workplace Specialist: Industrial Repair &amp; Maintenance</li> <li>Technology Education</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial: Industrial Repair &amp; Maintenance 5-12</li> <li>Workplace Specialist: Industrial Repair &amp; Maintenance 9-12</li> <li>Technology Education 5-12</li> </ul>
Precision Machining	7109	Principles of Precision Machining	Advanced Manufacturing	PRIN PREC MACH	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Machine Shop K-12</li> <li>Industrial Arts 7-12</li> </ul>	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Machine Shop 9-12</li> <li>Occupational Specialist I, II or III: Machine Shop 9-12</li> <li>Industrial Education K-12</li> <li>Industrial Technology K-12</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial: Precision Machine Technology</li> <li>Workplace Specialist: Precision Machine Technology</li> <li>Technology Education with high school setting</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial Precision Machine Technology 5-12</li> <li>Workplace Specialist: Precision Machining 9-12</li> <li>Technology Education 5-12</li> </ul>
Precision Machining	7105	Precision Machining Fundamentals	Advanced Manufacturing	MACH FUN	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Machine Shop K-12</li> <li>Industrial Arts 7-12</li> </ul>	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Machine Shop 9-12</li> <li>Occupational Specialist I, II or III: Machine Shop 9-12</li> <li>Industrial Education K-12</li> <li>Industrial Technology K-12</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial: Precision Machine Technology</li> <li>Workplace Specialist: Precision Machine Technology</li> <li>Technology Education with high school setting</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial Precision Machine Technology 5-12</li> <li>Workplace Specialist: Precision Machining 9-12</li> <li>Technology Education 5-12</li> </ul>

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

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	●Vocational Agriculture K-12	●Any Agribusiness License 9-12 ●Any Standard Agriculture license ●Any Occupational Specialist I, II, or III in Agriculture 9-12	●CTE: Agriculture with high school setting ●Workplace Specialist: Agriculture Education in Agriculture Mechanics	●CTE: Agriculture 5-12 ●Workplace Specialist: Power, Structure & Technology 9-12
Agriscience	5008	Animal Science	Agriculture	ANML SCI	●Vocational Agriculture K-12	●Any Agribusiness License 9-12 ●Any Standard Agriculture license ●Any Occupational Specialist I, II, or III in Agriculture 9-12	●CTE: Agriculture with high school setting ●Workplace Specialist: Agriculture Education in Animal Science	●CTE: Agriculture 5-12 ●Workplace Specialist: Animal Science 9-12
Agriscience	5170	Plant and Soil Science	Agriculture	PLT SL SCI	●Vocational Agriculture K-12	●Any Agribusiness License 9-12 ●Any Standard Agriculture license ●Any Occupational Specialist I, II, or III in Agriculture 9-12	●CTE: Agriculture with high school setting ●Workplace Specialist: Agriculture Education in Plant & Soil Science	●CTE: Agriculture 5-12 ●Workplace Specialist: Plant & Soil Science 9-12
Agriscience	5074	Advanced Life Science, Plants and Soils (L)	Agriculture	ALS PLT/SL	●Vocational Agriculture K-12 ●Science/Biology 9-12	●Vocational Agriculture K-12 ●Any Standard Agriculture license ●Biology 9-12	●CTE: Agriculture with high school setting ●Life Science with high school setting	●CTE: Agriculture 5-12 ●Life Science 5-12
Agriscience	5072	Advanced Life Science: Foods	Agriculture	ALS FOODS	●Vocational Agriculture K-12 ●Any Home Economics K-12	●Vocational Agriculture K-12 ●Any Standard Agriculture license ●Consumer Homemaking Education K-12 ●Occupational Education (FACS) K-12	●CTE: Agriculture with high school setting ●CTE: Family & Consumer Sciences with high school setting	●CTE: Agriculture 5-12 ●CTE: Family and Consumer Sciences 5-12
Agriscience; Veterinary Science	5070	Advanced Life Science, Animals (L)	Agriculture	ALS ANIML	●Vocational Agriculture K-12 ●Science/Biology 9-12	●Vocational Agriculture K-12 ●Any Standard Agriculture license ●Biology 9-12	●CTE: Agriculture with high school setting ●Life Science with high school setting	●CTE: Agriculture 5-12 ●Life Science 5-12
Agriscience	5102	Food Science	Agriculture	FOOD SCI	●Vocational Agriculture K-12 ●Any Home Economics K-12	●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	●CTE: Agriculture with high school setting ●Workplace Specialist: Agriculture Education in Food Science ●CTE: Family & Consumer Sciences with high school setting	●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	●Vocational Agriculture K-12 ●Science/Biology 9-12	●Vocational Agriculture K-12 ●Any Standard Agriculture license ●Biology 9-12	●CTE: Agriculture with high school setting ●Life Science with high school setting	●CTE: Agriculture 5-12 ●Life Science 5-12
Horticulture	5132	Horticultural Science	Agriculture	HORT SCI	●Vocational Agriculture K-12	●Standard Ornamental Horticulture License 9-12 ●Any Standard Agriculture license ●Occupational Specialist I, II, or III: Ornamental Horticulture 9-12 ●Agribusiness Horticulture 9-12	●CTE: Agriculture with high school setting ●Workplace Specialist: Agriculture Education in Horticultural Science	●CTE: Agriculture 5-12 ●Workplace Specialist: Horticultural Science 9-12
Horticulture	7114	Greenhouse and Soilless Production	Agriculture	GRN S PROD	●Vocational Agriculture K-12	●Standard Ornamental Horticulture License 9-12 ●Any Standard Agriculture license ●Occupational Specialist I, II, or III: Ornamental Horticulture 9-12 ●Agribusiness Horticulture 9-12	●CTE: Agriculture with high school setting ●Workplace Specialist: Agriculture Education in Horticultural Science	●CTE: Agriculture 5-12 ●Workplace Specialist: Horticultural Science 9-12
Horticulture	7232	Horticulture Capstone	Agriculture	HORT CAP	●Vocational Agriculture K-12	●Standard Ornamental Horticulture License 9-12 ●Any Standard Agriculture license ●Occupational Specialist I, II, or III: Ornamental Horticulture 9-12 ●Agribusiness Horticulture 9-12	●CTE: Agriculture with high school setting ●Workplace Specialist: Agriculture Education in Horticultural Science	●CTE: Agriculture 5-12 ●Workplace Specialist: Horticultural Science 9-12
Landscaping	7115	Landscape and Turf Management	Agriculture	LAND TUR MAN	●Vocational Agriculture K-12	● Any Agribusiness License 9-12 ● Any Standard Agriculture license ● Any Occupational Specialist I, II, or III in Agriculture 9-12	●CTE: Agriculture with high school setting ●Workplace Specialist: Agriculture Education in Landscape Management ●Workplace Specialist: Ornamental Horticulture	●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	●Vocational Agriculture K-12	● Any Agribusiness License 9-12 ● Any Standard Agriculture license ● Any Occupational Specialist I, II, or III in Agriculture 9-12	●CTE: Agriculture with high school setting ●Workplace Specialist: Agriculture Education in Landscape Management ●Workplace Specialist: Ornamental Horticulture	●CTE: Agriculture 5-12 ●Workplace Specialist: Landscape Management 9-12 ●Workplace Specialist: Ornamental Horticulture 9-12
Precision Ag	7116	Precision Agriculture	Agriculture	PREC AG	●Vocational Agriculture K-12	●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	●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	●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



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

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

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
CT Electrical	7263	Construction Trades Electrical Capstone	Architecture and Construction	CT ELEC CAP	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Building Trades K-12</li> <li>Industrial Arts 7-12, K-12</li> </ul>	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Building Trades 9-12</li> <li>Occupational Specialist I, II or III: Building Trades 9-12</li> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial: Building Trades Technology</li> <li>Workplace Specialist: Building Trades Technology</li> <li>Workplace Specialist: Industrial Technology or Industrial Electronics</li> <li>Technology Education</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial: Building Trades 5-12</li> <li>CTE: Trade &amp; Industry: Electrician 5-12</li> <li>Workplace Specialist: Electrical 9-12</li> <li>Workplace Specialist: Industrial Technology or Industrial Electronics 9-12</li> <li>Technology Education 5-12</li> </ul>
Building and Facilities Maintenance	7285	Building and Facilities Maintenance Fundamentals	Architecture and Construction	BLDG FAC MAINT FUND	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Building Maintenance K-12</li> </ul>	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Building Maintenance 9-12</li> <li>Occupational Specialist I, II or III: Building Maintenance 9-12</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial: Building Facilities &amp; Maintenance</li> <li>Workplace Specialist: Building Facilities &amp; Maintenance</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial Building Maintenance 5-12</li> <li>Workplace Specialist: Facilities Management &amp; Maintenance 9-12</li> </ul>
Building and Facilities Maintenance	7286	Advanced Building and Facilities Maintenance	Architecture and Construction	ADV BLDG FAC MAINT	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Building Maintenance K-12</li> </ul>	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Building Maintenance 9-12</li> <li>Occupational Specialist I, II or III: Building Maintenance 9-12</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial: Building Facilities &amp; Maintenance</li> <li>Workplace Specialist: Building Facilities &amp; Maintenance</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial Building Maintenance 5-12</li> <li>Workplace Specialist: Facilities Management &amp; Maintenance 9-12</li> </ul>
Building and Facilities Maintenance	7287	Building and Facilities Maintenance Capstone	Architecture and Construction	BLDG FAC MAINT CAP	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Building Maintenance K-12</li> </ul>	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Building Maintenance 9-12</li> <li>Occupational Specialist I, II or III: Building Maintenance 9-12</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial: Building Facilities &amp; Maintenance</li> <li>Workplace Specialist: Building Facilities &amp; Maintenance</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial Building Maintenance 5-12</li> <li>Workplace Specialist: Facilities Management &amp; Maintenance 9-12</li> </ul>
Civil Construction	7121	Civil Construction Fundamentals	Architecture and Construction	CIV CON FUN	<ul style="list-style-type: none"> <li>Industrial Arts 7-12, K-12</li> </ul>	<ul style="list-style-type: none"> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> <li>Occupational Specialist I, II or III in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education with high school setting</li> <li>Workplace Specialist in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education 5-12</li> <li>CTE: Trade and Industrial: Building Trades 5-12</li> <li>CTE: Trade &amp; Industry: Construction 5-12</li> <li>Workplace Specialist: Heavy Highway 9-12</li> <li>Workplace Specialist: Heavy Equipment 9-12</li> </ul>
Civil Construction	7118	Advanced Civil Construction	Architecture and Construction	ADV CIV CON	<ul style="list-style-type: none"> <li>Industrial Arts 7-12, K-12</li> </ul>	<ul style="list-style-type: none"> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> <li>Occupational Specialist I, II or III in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education with high school setting</li> <li>Workplace Specialist in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education 5-12</li> <li>CTE: Trade and Industrial: Building Trades 5-12</li> <li>CTE: Trade &amp; Industry: Construction 5-12</li> <li>Workplace Specialist: Heavy Highway 9-12</li> <li>Workplace Specialist: Heavy Equipment 9-12</li> </ul>
Civil Construction	7240	Civil Construction Capstone	Architecture and Construction	CIV CSTR CAP	<ul style="list-style-type: none"> <li>Industrial Arts 7-12, K-12</li> </ul>	<ul style="list-style-type: none"> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> <li>Occupational Specialist I, II or III in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education with high school setting</li> <li>Workplace Specialist in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education 5-12</li> <li>CTE: Trade and Industrial: Building Trades 5-12</li> <li>CTE: Trade &amp; Industry: Construction 5-12</li> <li>Workplace Specialist: Heavy Highway 9-12</li> <li>Workplace Specialist: Heavy Equipment 9-12</li> </ul>
Heavy Equipment Operations	7290	Heavy Equipment Fundamentals	Architecture and Construction	HVY EQUIP FUND	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Building Trades K-12</li> <li>Industrial Arts 7-12, K12</li> </ul>	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Building Trades 9-12</li> <li>Occupational Specialist I, II or III: Building Trades 9-12</li> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial: Building Trades Technology</li> <li>Workplace Specialist: Building Trades Technology</li> <li>Technology Education</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial Building Trades 5-12</li> <li>Workplace Specialist: Heavy Equipment 9-12</li> <li>Technology Education 5-12</li> </ul>
Heavy Equipment Operations	7291	Advanced Heavy Equipment Operations	Architecture and Construction	ADV HVY EQUIP OPER	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Building Trades K-12</li> <li>Industrial Arts 7-12, K12</li> </ul>	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Building Trades 9-12</li> <li>Occupational Specialist I, II or III: Building Trades 9-12</li> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial: Building Trades Technology</li> <li>Workplace Specialist: Building Trades Technology</li> <li>Technology Education</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial Building Trades 5-12</li> <li>Workplace Specialist: Heavy Equipment 9-12</li> <li>Technology Education 5-12</li> </ul>
Heavy Equipment Operations	7292	Heavy Equipment Capstone	Architecture and Construction	HVY EQUIP CAP	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Building Trades K-12</li> <li>Industrial Arts 7-12, K12</li> </ul>	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Building Trades 9-12</li> <li>Occupational Specialist I, II or III: Building Trades 9-12</li> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial: Building Trades Technology</li> <li>Workplace Specialist: Building Trades Technology</li> <li>Technology Education</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial Building Trades 5-12</li> <li>Workplace Specialist: Heavy Equipment 9-12</li> <li>Technology Education 5-12</li> </ul>
HVAC	7131	Principles of Heating, Ventilation, and Air Conditioning (HVAC)	Architecture and Construction	PRN HVAC	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Heating &amp; Air Conditioning K-12</li> <li>Industrial Arts 7-12, K-12</li> </ul>	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Heating &amp; Air Conditioning 9-12</li> <li>Occupational Specialist I, II or III: Heating &amp; Air Conditioning 9-12</li> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial: Heating, Ventilation, Air Conditioning, &amp; Refrigeration (HVACR)</li> <li>Workplace Specialist: Heating, Ventilation, Air Conditioning, &amp; Refrigeration (HVACR)</li> <li>Technology Education</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial Heating, Ventilation, Air Conditioning, &amp; Refrigeration (HVACR) 5-12</li> <li>Workplace Specialist: HVAC 9-12</li> <li>Technology Education 5-12</li> </ul>

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
HVAC	7125	HVAC Fundamentals	Architecture and Construction	HVAC FUN	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Heating &amp; Air Conditioning K-12</li> <li>Industrial Arts 7-12, K-12</li> </ul>	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Heating &amp; Air Conditioning 9-12</li> <li>Occupational Specialist I, II or III: Heating &amp; Air Conditioning 9-12</li> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial: Heating, Ventilation, Air Conditioning, &amp; Refrigeration (HVACR)</li> <li>Workplace Specialist: Heating, Ventilation, Air Conditioning, &amp; Refrigeration (HVACR)</li> <li>Technology Education</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial Heating, Ventilation, Air Conditioning, &amp; Refrigeration (HVACR) 5-12</li> <li>Workplace Specialist: HVAC 9-12</li> <li>Technology Education 5-12</li> </ul>
HVAC	7126	HVAC Service	Architecture and Construction	HVAC SER	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Heating &amp; Air Conditioning K-12</li> <li>Industrial Arts 7-12, K-12</li> </ul>	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Heating &amp; Air Conditioning 9-12</li> <li>Occupational Specialist I, II or III: Heating &amp; Air Conditioning 9-12</li> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial: Heating, Ventilation, Air Conditioning, &amp; Refrigeration (HVACR)</li> <li>Workplace Specialist: Heating, Ventilation, Air Conditioning, &amp; Refrigeration (HVACR)</li> <li>Technology Education</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial Heating, Ventilation, Air Conditioning, &amp; Refrigeration (HVACR) 5-12</li> <li>Workplace Specialist: HVAC 9-12</li> <li>Technology Education 5-12</li> </ul>
HVAC	7244	HVAC Capstone	Architecture and Construction	HVAC CAP	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Heating &amp; Air Conditioning K-12</li> <li>Industrial Arts 7-12, K-12</li> </ul>	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Heating &amp; Air Conditioning 9-12</li> <li>Occupational Specialist I, II or III: Heating &amp; Air Conditioning 9-12</li> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial: Heating, Ventilation, Air Conditioning, &amp; Refrigeration (HVACR)</li> <li>Workplace Specialist: Heating, Ventilation, Air Conditioning, &amp; Refrigeration (HVACR)</li> <li>Technology Education</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial Heating, Ventilation, Air Conditioning, &amp; Refrigeration (HVACR) 5-12</li> <li>Workplace Specialist: HVAC 9-12</li> <li>Technology Education 5-12</li> </ul>
Plumbing and Pipefitting	7133	Principles of Plumbing and Pipefitting	Architecture and Construction	PRIN PLB PIPE	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Building Trades K-12</li> <li>Industrial Arts 7-12, K-12</li> </ul>	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Building Trades 9-12</li> <li>Occupational Specialist I, II or III: Building Trades 9-12</li> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial: Building Trades Technology</li> <li>Workplace Specialist: Building Trades Technology</li> <li>Technology Education</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial Building Trades 5-12</li> <li>CTE: Trade &amp; Industrial: Plumbing &amp; Pipefitting 5-12</li> <li>Technology Education 5-12</li> <li>Workplace Specialist: Construction Trades 9-12</li> <li>Workplace Specialist: Plumbing &amp; Pipefitting 9-12</li> </ul>
Plumbing and Pipefitting	7129	Plumbing and Pipefitting Fundamentals	Architecture and Construction	PLB PIPE FUN	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Building Trades K-12</li> <li>Industrial Arts 7-12, K-12</li> </ul>	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Building Trades 9-12</li> <li>Occupational Specialist I, II or III: Building Trades 9-12</li> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial: Building Trades Technology</li> <li>Workplace Specialist: Building Trades Technology</li> <li>Technology Education</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial Building Trades 5-12</li> <li>CTE: Trade &amp; Industrial: Plumbing &amp; Pipefitting 5-12</li> <li>Technology Education 5-12</li> <li>Workplace Specialist: Construction Trades 9-12</li> <li>Workplace Specialist: Plumbing &amp; Pipefitting 9-12</li> </ul>
Plumbing and Pipefitting	7120	Advanced Plumbing and Pipefitting	Architecture and Construction	ADV PLB PIPE	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Building Trades K-12</li> <li>Industrial Arts 7-12, K-12</li> </ul>	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Building Trades 9-12</li> <li>Occupational Specialist I, II or III: Building Trades 9-12</li> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial: Building Trades Technology</li> <li>Workplace Specialist: Building Trades Technology</li> <li>Technology Education</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial Building Trades 5-12</li> <li>CTE: Trade &amp; Industrial: Plumbing &amp; Pipefitting 5-12</li> <li>Technology Education 5-12</li> <li>Workplace Specialist: Construction Trades 9-12</li> <li>Workplace Specialist: Plumbing &amp; Pipefitting 9-12</li> </ul>
Plumbing and Pipefitting	7264	Plumbing and Pipefitting Capstone	Architecture and Construction	PLUMB PIPE CAP	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Building Trades K-12</li> <li>Industrial Arts 7-12, K-12</li> </ul>	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Building Trades 9-12</li> <li>Occupational Specialist I, II or III: Building Trades 9-12</li> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial: Building Trades Technology</li> <li>Workplace Specialist: Building Trades Technology</li> <li>Technology Education</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial Building Trades 5-12</li> <li>CTE: Trade &amp; Industrial: Plumbing &amp; Pipefitting 5-12</li> <li>Technology Education 5-12</li> <li>Workplace Specialist: Construction Trades 9-12</li> <li>Workplace Specialist: Plumbing &amp; Pipefitting 9-12</li> </ul>
Architecture Engineering Construction	7295	Principles of Architecture, Engineering and Construction	Architecture and Construction	PRIN AEC	<ul style="list-style-type: none"> <li>Industrial Arts 7-12, K-12</li> <li>Standard Trade &amp; Industrial: Engineering K-12</li> <li>Appropriate Vocational License</li> </ul>	<ul style="list-style-type: none"> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> <li>Standard Trade &amp; Industrial: Civil Architectural Engineering 9-12</li> <li>Occupational Specialist I, II or III: Civil Architectural Engineering 9-12</li> <li>Occupational Specialist I, II or III: Building Trades Technology 9-12</li> <li>Appropriate Vocational License</li> <li>Occupational Specialist in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education with high school setting</li> <li>CTE: Trade &amp; Industrial: Civil-Architectural Engineering Workplace Specialist: Civil Architectural Engineering</li> <li>Workplace Specialist: Construction 9-12</li> <li>Workplace Specialist: Building Trades 9-12</li> <li>Appropriate CTE License with high school setting</li> <li>Workplace Specialist in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education 5-12</li> <li>CTE: Trade &amp; Industrial Civil Architectural Engineering 5-12</li> <li>Workplace Specialist: Engineering 9-12</li> <li>Workplace Specialist: Construction 9-12</li> <li>Workplace Specialist: Building Trades 9-12</li> <li>Appropriate CTE License 5-12</li> <li>Workplace Specialist in related course approved for a CTE Pathway</li> </ul>

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
Architecture Engineering Construction	7296	Surveying	Architecture and Construction	SRVY	<ul style="list-style-type: none"> <li>Industrial Arts 7-12, K-12</li> <li>Standard Trade &amp; Industrial: Engineering K-12</li> <li>Appropriate Vocational License</li> </ul>	<ul style="list-style-type: none"> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> <li>Standard Trade &amp; Industrial: Civil Architectural Engineering 9-12</li> <li>Occupational Specialist I, II or III: Civil-Architectural Engineering 9-12</li> <li>Occupational Specialist I, II or III: Building Trades Technology 9-12</li> <li>Appropriate Vocational License</li> <li>Occupational Specialist in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education with high school setting</li> <li>CTE: Trade &amp; Industrial: Civil-Architectural Engineering Workplace Specialist: Civil Architectural Engineering</li> <li>Workplace Specialist: Construction 9-12</li> <li>Workplace Specialist: Building Trades 9-12</li> <li>Appropriate CTE License with high school setting</li> <li>Workplace Specialist in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education 5-12</li> <li>CTE: Trade &amp; Industrial Civil Architectural Engineering 5-12</li> <li>Workplace Specialist: Engineering 9-12</li> <li>Workplace Specialist: Construction 9-12</li> <li>Workplace Specialist: Building Trades 9-12</li> <li>Appropriate CTE License 5-12</li> <li>Workplace Specialist in related course approved for a CTE Pathway</li> </ul>
Architecture Engineering Construction	7389	Advanced Architectural Drafting and Design	Architecture and Construction	ADV ARCH DR	<ul style="list-style-type: none"> <li>Industrial Arts 7-12, K-12</li> <li>Standard Trade &amp; Industrial: Engineering K-12</li> <li>Appropriate Vocational License</li> </ul>	<ul style="list-style-type: none"> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> <li>Standard Trade &amp; Industrial: Civil Architectural Engineering 9-12</li> <li>Occupational Specialist I, II or III: Civil-Architectural Engineering 9-12</li> <li>Occupational Specialist I, II or III: Building Trades Technology 9-12</li> <li>Appropriate Vocational License</li> <li>Occupational Specialist in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education with high school setting</li> <li>CTE: Trade &amp; Industrial: Civil-Architectural Engineering Workplace Specialist: Civil Architectural Engineering</li> <li>Workplace Specialist: Construction 9-12</li> <li>Workplace Specialist: Building Trades 9-12</li> <li>Appropriate CTE License with high school setting</li> <li>Workplace Specialist in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education 5-12</li> <li>CTE: Trade &amp; Industrial Civil Architectural Engineering 5-12</li> <li>Workplace Specialist: Engineering 9-12</li> <li>Workplace Specialist: Construction 9-12</li> <li>Workplace Specialist: Building Trades 9-12</li> <li>Appropriate CTE License 5-12</li> <li>Workplace Specialist in related course approved for a CTE Pathway</li> </ul>
Architecture Engineering Construction	7297	Architecture, Engineering and Construction Capstone	Architecture and Construction	AEC CAP	<ul style="list-style-type: none"> <li>Industrial Arts 7-12, K-12</li> <li>Standard Trade &amp; Industrial: Engineering K-12</li> <li>Appropriate Vocational License</li> </ul>	<ul style="list-style-type: none"> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> <li>Standard Trade &amp; Industrial: Civil Architectural Engineering 9-12</li> <li>Occupational Specialist I, II or III: Civil-Architectural Engineering 9-12</li> <li>Occupational Specialist I, II or III: Building Trades Technology 9-12</li> <li>Appropriate Vocational License</li> <li>Occupational Specialist in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education with high school setting</li> <li>CTE: Trade &amp; Industrial: Civil-Architectural Engineering Workplace Specialist: Civil Architectural Engineering</li> <li>Workplace Specialist: Construction 9-12</li> <li>Workplace Specialist: Building Trades 9-12</li> <li>Appropriate CTE License with high school setting</li> <li>Workplace Specialist in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education 5-12</li> <li>CTE: Trade &amp; Industrial Civil Architectural Engineering 5-12</li> <li>Workplace Specialist: Engineering 9-12</li> <li>Workplace Specialist: Construction 9-12</li> <li>Workplace Specialist: Building Trades 9-12</li> <li>Appropriate CTE License 5-12</li> <li>Workplace Specialist in related course approved for a CTE Pathway</li> </ul>
	6134	Advanced Career & Technical Education, College Credit: Arts, AV Tech and Comm	Arts, AV Tech and Comm	ADV CTE CC AATC	<ul style="list-style-type: none"> <li>Industrial Arts 7-12, K12</li> <li>Appropriate Vocational License</li> </ul>	<ul style="list-style-type: none"> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> <li>Appropriate Vocational license</li> <li>Occupational Specialist in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education with high school setting</li> <li>Appropriate CTE License with high school setting</li> <li>Workplace Specialist in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education 5-12</li> <li>Appropriate CTE License 5-12</li> <li>Workplace Specialist in related course approved for a CTE pathway</li> </ul>
	4576	Arts, AV Tech and Communication: Special Topics	Arts, AV Tech and Comm	AAVTC ST	<ul style="list-style-type: none"> <li>Industrial Arts 7-12, K12</li> <li>Appropriate Vocational License</li> </ul>	<ul style="list-style-type: none"> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> <li>Appropriate Vocational license</li> <li>Occupational Specialist in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education with high school setting</li> <li>Appropriate CTE License with high school setting</li> <li>Workplace Specialist in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education 5-12</li> <li>Appropriate CTE License 5-12</li> <li>Workplace Specialist in related course approved for a CTE pathway</li> </ul>
	5380	Introduction to Fashion & Textiles	Arts, AV Tech and Comm	FSHNTX	<ul style="list-style-type: none"> <li>Any Home Economics K-12</li> </ul>	<ul style="list-style-type: none"> <li>Consumer Homemaking Education 9-12</li> <li>Occupational Education (FACS) 9-12</li> <li>Occupational Specialist I, II or III in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Family &amp; Consumer Sciences with high school setting</li> <li>Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Family &amp; Consumer Sciences 5-12</li> <li>Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>
	5350	Introduction to Housing and Interior Design	Arts, AV Tech and Comm	INT HSINT DES	<ul style="list-style-type: none"> <li>Industrial Arts 7-12, K12</li> <li>Arts &amp; Crafts 7-12, K-12</li> <li>Any Home Economics K-12</li> </ul>	<ul style="list-style-type: none"> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> <li>Visual Arts 9-12</li> <li>Occupational Education (FACS) 9-12</li> <li>Occupational Specialist: Business IT: Interactive Media 9-12</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education with high school setting</li> <li>CTE: FACS with high school setting</li> <li>Fine Arts: Visual Arts with high school setting</li> <li>Workplace Specialist: Interactive Media 9-12</li> <li>Workplace Specialist: Radio and TV 9-12</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education 5-12</li> <li>CTE: FACS 5-12</li> <li>Fine Arts: Visual Arts 5-12</li> <li>Workplace Specialist: Interactive Media 9-12</li> <li>Workplace Specialist: Radio &amp; TV 9-12</li> </ul>
	4834	Design Fundamentals	Arts, AV Tech and Comm	DES FUND	<ul style="list-style-type: none"> <li>Industrial Arts 7-12, K12</li> <li>Arts &amp; Crafts 7-12, K-12</li> <li>Any Home Economics K-12</li> </ul>	<ul style="list-style-type: none"> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> <li>Visual Arts 9-12</li> <li>Occupational Education (FACS) 9-12</li> <li>Occupational Specialist: Business IT: Interactive Media 9-12</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education with high school setting</li> <li>CTE: FACS with high school setting</li> <li>Fine Arts: Visual Arts with high school setting</li> <li>Workplace Specialist: Interactive Media 9-12</li> <li>Workplace Specialist: Radio and TV 9-12</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education 5-12</li> <li>CTE: FACS 5-12</li> <li>Fine Arts: Visual Arts 5-12</li> <li>Workplace Specialist: Interactive Media 9-12</li> <li>Workplace Specialist: Radio &amp; TV 9-12</li> </ul>

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
	4790	Introduction to Communications	Arts, AV Tech and Comm	INT COMM	<ul style="list-style-type: none"> <li>Industrial Arts 7-12, K12</li> <li>English 7-12 and work experience in communications/media</li> <li>Journalism 7-12</li> </ul>	<ul style="list-style-type: none"> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> <li>Occupational Specialist I, II or III in related course approved for a CTE pathway</li> <li>English 9-12 and work experience in communications/media</li> <li>Journalism 9-12</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education with high school setting</li> <li>Workplace Specialist I or II in related course approved for a CTE pathway</li> <li>Language Arts with high school setting and work experience in communications/media</li> <li>Journalism with high school setting</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education 5-12</li> <li>Workplace Specialist I or II in related course approved for a CTE pathway</li> <li>Journalism 5-12</li> <li>Language Arts 5-12 and work experience in communications/media</li> </ul>
Digital Design	7140	Principles of Digital Design	Arts, AV Tech and Comm	PRIN DIG DES	<ul style="list-style-type: none"> <li>Business Education with Vocational Business Endorsement 7-12</li> </ul>	<ul style="list-style-type: none"> <li>Business Education with Vocational Business Endorsement 9-12</li> <li>Occupational Specialist: Business IT: Interactive Media 9-12</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Business Services &amp; Technology with high school setting</li> <li>Workplace Specialist: Business IT: Interactive Media</li> <li>CTE: Trade &amp; Industrial: 3D Computer Animation &amp; Visualization</li> <li>Business with high school setting</li> <li>Workplace Specialist: 3D Computer Animation &amp; Visualization</li> <li>Workplace Specialist: Interactive Media</li> <li>Workplace Specialist: Graphic Imaging Technology</li> <li>CTE: Trade &amp; Industrial Photography 5-12</li> <li>Workplace Specialist: Commercial Photography 9-12</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Business Services &amp; Technology 5-12</li> <li>CTE: Business &amp; Information Technology 5-12</li> <li>CTE: Trade &amp; Industrial: 3D Computer Animation &amp; Visualization 5-12</li> <li>CTE: Trade &amp; Industrial Graphic Arts 5-12</li> <li>CTE: Trade &amp; Industrial: Graphic Imaging Technology 5-12</li> <li>Workplace Specialist: Interactive Media 9-12</li> <li>Business 5-12</li> <li>WS: Graphic Imaging Technology 9-12</li> <li>WS: Graphic Design &amp; Layout 9-12</li> <li>Workplace Specialist: 3D Computer Animation &amp; Visualization 9-12</li> <li>CTE: Trade &amp; Industrial Photography 5-12</li> <li>Workplace Specialist: Commercial Photography 9-12</li> </ul>
Digital Design	7141	Digital Design Graphics	Arts, AV Tech and Comm	DIG DES GRAPH	<ul style="list-style-type: none"> <li>Business Education with Vocational Business Endorsement 7-12</li> </ul>	<ul style="list-style-type: none"> <li>Business Education with Vocational Business Endorsement 9-12</li> <li>Occupational Specialist: Business IT: Interactive Media 9-12</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Business Services &amp; Technology with high school setting</li> <li>Workplace Specialist: Business IT: Interactive Media</li> <li>CTE: Trade &amp; Industrial: 3D Computer Animation &amp; Visualization</li> <li>Business with high school setting</li> <li>Workplace Specialist: 3D Computer Animation &amp; Visualization</li> <li>Workplace Specialist: Interactive Media</li> <li>Workplace Specialist: Graphic Imaging Technology</li> <li>CTE: Trade &amp; Industrial Photography 5-12</li> <li>Workplace Specialist: Commercial Photography 9-12</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Business Services &amp; Technology 5-12</li> <li>CTE: Business &amp; Information Technology 5-12</li> <li>CTE: Trade &amp; Industrial: 3D Computer Animation &amp; Visualization 5-12</li> <li>CTE: Trade &amp; Industrial Graphic Arts 5-12</li> <li>CTE: Trade &amp; Industrial: Graphic Imaging Technology 5-12</li> <li>Workplace Specialist: Interactive Media 9-12</li> <li>Business 5-12</li> <li>WS: Graphic Imaging Technology 9-12</li> <li>WS: Graphic Design &amp; Layout 9-12</li> <li>Workplace Specialist: 3D Computer Animation &amp; Visualization 9-12</li> <li>CTE: Trade &amp; Industrial Photography 5-12</li> <li>Workplace Specialist: Commercial Photography 9-12</li> </ul>
Digital Design	5550	Graphic Design and Layout	Arts, AV Tech and Comm	GRAPH DES LT	<ul style="list-style-type: none"> <li>Business Education with Vocational Business Endorsement 7-12</li> <li>Standard Trade &amp; Industrial: Commercial Art K-12</li> <li>Standard Trade &amp; Industrial: Graphic Arts</li> <li>Printing K-12</li> </ul>	<ul style="list-style-type: none"> <li>Business Education with Vocational Business Endorsement 9-12</li> <li>Occupational Specialist: Business IT: Interactive Media 9-12</li> <li>Standard Trade &amp; Industrial: Commercial Art 9-12</li> <li>Occupational Specialist I, II or III: Commercial Art 9-12</li> <li>Standard Trade &amp; Industrial: Graphic Arts 9-12</li> <li>Occupational Specialist I, II or III: Graphic Arts 9-12</li> <li>Trade &amp; Industrial: Printing 9-12</li> <li>Occupational Specialist I, II or III: Printing 9-12</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Business Services &amp; Technology with high school setting</li> <li>Workplace Specialist: Business IT: Interactive Media</li> <li>CTE: Trade &amp; Industrial: Commercial Art &amp; Graphic Design</li> <li>Workplace Specialist: Commercial Art &amp; Graphic Design</li> <li>CTE: Trade &amp; Industrial: Graphic Imaging Technology</li> <li>Workplace Specialist: Graphic Imaging Technology</li> <li>Workplace Specialist: Interactive Media</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Business Services &amp; Technology 5-12</li> <li>CTE: Business &amp; Information Technology 5-12</li> <li>CTE: Trade &amp; Industrial Graphic Arts 5-12</li> <li>CTE: Trade &amp; Industrial: Graphic Imaging Technology 5-12</li> <li>Workplace Specialist: Graphic Design &amp; Layout 9-12</li> <li>Workplace Specialist: Graphic Imaging Technology 9-12</li> <li>Workplace Specialist: Interactive Media 9-12</li> </ul>

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
Digital Design	7138	Interactive Media Design	Arts, AV Tech and Comm	IN MED DES	<ul style="list-style-type: none"> <li>Business Education with Vocational Business Endorsement 7-12</li> </ul>	<ul style="list-style-type: none"> <li>Business Education with Vocational Business Endorsement 9-12</li> <li>Occupational Specialist: Business IT: Interactive Media 9-12</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Business Services &amp; Technology with high school setting</li> <li>Workplace Specialist: Business IT: Interactive Media</li> <li>CTE: Trade &amp; Industrial: 3D Computer Animation &amp; Visualization</li> <li>Business with high school setting</li> <li>Workplace Specialist: 3D Computer Animation &amp; Visualization</li> <li>Workplace Specialist: Interactive Media</li> <li>Workplace Specialist: Graphic Imaging Technology</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Business Services &amp; Technology 5-12</li> <li>CTE: Business &amp; Information Technology 5-12</li> <li>CTE: Trade &amp; Industrial: 3D Computer Animation &amp; Visualization 5-12</li> <li>CTE: Trade &amp; Industrial Graphic Arts 5-12</li> <li>CTE: Trade &amp; Industrial: Graphic Imaging Technology 5-12</li> <li>Workplace Specialist: Interactive Media 9-12</li> <li>Business 5-12</li> <li>WS: Graphic Imaging Technology 9-12</li> <li>WS: Graphic Design &amp; Layout 9-12</li> <li>Workplace Specialist: 3D Computer Animation &amp; Visualization 9-12</li> </ul>
Digital Design	7136	Professional Photography & Videography	Arts, AV Tech and Comm	PRO PHOTO/VID	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Commercial Photography K-12</li> </ul>	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Commercial Photography 9-12</li> <li>Occupational Specialist I, II or III: Commercial Photography 9-12</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial: Commercial Photography</li> <li>Workplace Specialist: Commercial Photography</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial Photography 5-12</li> <li>Workplace Specialist: Commercial Photography 9-12</li> </ul>
Digital Design	7246	Digital Design Capstone	Arts, AV Tech and Comm	DIG DES CAP	<ul style="list-style-type: none"> <li>Business Education with Vocational Business Endorsement 7-12</li> </ul>	<ul style="list-style-type: none"> <li>Business Education with Vocational Business Endorsement 9-12</li> <li>Occupational Specialist: Business IT: Interactive Media 9-12</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Business Services &amp; Technology with high school setting</li> <li>Workplace Specialist: Business IT: Interactive Media</li> <li>CTE: Trade &amp; Industrial: 3D Computer Animation &amp; Visualization</li> <li>Business with high school setting</li> <li>Workplace Specialist: 3D Computer Animation &amp; Visualization</li> <li>Workplace Specialist: Interactive Media</li> <li>Workplace Specialist: Graphic Imaging Technology</li> <li>CTE: Trade &amp; Industrial Photography 5-12</li> <li>Workplace Specialist: Commercial Photography 9-12</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Business Services &amp; Technology 5-12</li> <li>CTE: Business &amp; Information Technology 5-12</li> <li>CTE: Trade &amp; Industrial: 3D Computer Animation &amp; Visualization 5-12</li> <li>CTE: Trade &amp; Industrial Graphic Arts 5-12</li> <li>CTE: Trade &amp; Industrial: Graphic Imaging Technology 5-12</li> <li>Workplace Specialist: Interactive Media 9-12</li> <li>Business 5-12</li> <li>WS: Graphic Imaging Technology 9-12</li> <li>WS: Graphic Design &amp; Layout 9-12</li> <li>Workplace Specialist: 3D Computer Animation &amp; Visualization 9-12</li> <li>CTE: Trade &amp; Industrial Photography 5-12</li> <li>Workplace Specialist: Commercial Photography 9-12</li> </ul>
Fashion & Textile	7301	Principles of Fashion and Textiles	Arts, AV Tech and Comm	PRIN FASH TEXT	<ul style="list-style-type: none"> <li>Any Home Economics K-12</li> </ul>	<ul style="list-style-type: none"> <li>Consumer Homemaking Education 9-12</li> <li>Occupational Education (FACS) 9-12</li> <li>Occupational Specialist I, II or III in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Family &amp; Consumer Sciences with high school setting</li> <li>Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Family &amp; Consumer Sciences 5-12</li> <li>Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>
Fashion & Textile	7302	Textiles, Apparel, and Merchandising	Arts, AV Tech and Comm	TEXT APP MERCH	<ul style="list-style-type: none"> <li>Any Home Economics K-12</li> </ul>	<ul style="list-style-type: none"> <li>Consumer Homemaking Education 9-12</li> <li>Occupational Education (FACS) 9-12</li> <li>Occupational Specialist I, II or III in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Family &amp; Consumer Sciences with high school setting</li> <li>Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Family &amp; Consumer Sciences 5-12</li> <li>Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>
Fashion & Textile	7303	Advanced Textiles	Arts, AV Tech and Comm	ADV TEXT	<ul style="list-style-type: none"> <li>Any Home Economics K-12</li> </ul>	<ul style="list-style-type: none"> <li>Consumer Homemaking Education 9-12</li> <li>Occupational Education (FACS) 9-12</li> <li>Occupational Specialist I, II or III in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Family &amp; Consumer Sciences with high school setting</li> <li>Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Family &amp; Consumer Sciences 5-12</li> <li>Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>
Fashion & Textile	7304	Fashion and Textiles Capstone	Arts, AV Tech and Comm	FASH TEXT CAP	<ul style="list-style-type: none"> <li>Any Home Economics K-12</li> </ul>	<ul style="list-style-type: none"> <li>Consumer Homemaking Education 9-12</li> <li>Occupational Education (FACS) 9-12</li> <li>Occupational Specialist I, II or III in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Family &amp; Consumer Sciences with high school setting</li> <li>Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Family &amp; Consumer Sciences 5-12</li> <li>Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>
Interior Design	7132	Principles of Interior Design	Arts, AV Tech and Comm	PRIN INT DES	<ul style="list-style-type: none"> <li>Vocational Home Economics K-12</li> <li>Standard Trade &amp; Industrial: Building Trades K-12</li> <li>Industrial Arts 7-12, K-12</li> </ul>	<ul style="list-style-type: none"> <li>Occupational Education (FACS) 9-12</li> <li>Occupational Specialist I, II or III: Institutional &amp; Home Management 9-12</li> <li>Standard Trade &amp; Industrial: Building Trades 9-12</li> <li>Occupational Specialist I, II or III: Building Trades 9-12</li> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Family &amp; Consumer Sciences with high school setting</li> <li>Workplace Specialist: Housing Occupations</li> <li>CTE: Trade &amp; Industrial: Building Trades Technology</li> <li>Workplace Specialist: Building Trades Technology</li> <li>Technology Education</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Family &amp; Consumer Sciences 5-12</li> <li>CTE: Trade &amp; Industrial Building Trades 5-12</li> <li>CTE: Trade &amp; Industrial: Interior Design 5-12</li> <li>Workplace Specialist: Interior Design &amp; Housing 9-12</li> <li>Workplace Specialist: Building Trades/Construction 9-12</li> </ul>

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
Interior Design	7127	Interior Design Fundamentals	Arts, AV Tech and Comm	INT DES FUN	<ul style="list-style-type: none"> <li>● Vocational Home Economics K-12</li> <li>● Standard Trade &amp; Industrial: Building Trades K-12</li> <li>● Industrial Arts 7-12, K-12</li> </ul>	<ul style="list-style-type: none"> <li>● Occupational Education (FACS) 9-12</li> <li>● Occupational Specialist I, II or III: Institutional &amp; Home Management 9-12</li> <li>● Standard Trade &amp; Industrial: Building Trades 9-12</li> <li>● Occupational Specialist I, II or III: Building Trades 9-12</li> <li>● Industrial Technology K-12</li> <li>● Industrial Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>● ETE: Family &amp; Consumer Sciences with high school setting</li> <li>● Workplace Specialist: Housing Occupations</li> <li>● ETE: Trade &amp; Industrial: Building Trades Technology</li> <li>● Workplace Specialist: Building Trades Technology</li> <li>● Technology Education</li> </ul>	<ul style="list-style-type: none"> <li>● ETE: Family &amp; Consumer Sciences 5-12</li> <li>● ETE: Trade &amp; Industrial Building Trades 5-12</li> <li>● ETE: Trade &amp; Industrial: Interior Design 5-12</li> <li>● Workplace Specialist: Interior Design &amp; Housing 9-12</li> <li>● Workplace Specialist: Building Trades/Construction 9-12</li> </ul>
Interior Design	7128	Materials, Finishes, and Design	Arts, AV Tech and Comm	MAT FIN DES	<ul style="list-style-type: none"> <li>● Vocational Home Economics K-12</li> <li>● Standard Trade &amp; Industrial: Building Trades K-12</li> <li>● Industrial Arts 7-12, K-12</li> </ul>	<ul style="list-style-type: none"> <li>● Occupational Education (FACS) 9-12</li> <li>● Occupational Specialist I, II or III: Institutional &amp; Home Management 9-12</li> <li>● Standard Trade &amp; Industrial: Building Trades 9-12</li> <li>● Occupational Specialist I, II or III: Building Trades 9-12</li> <li>● Industrial Technology K-12</li> <li>● Industrial Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>● ETE: Family &amp; Consumer Sciences with high school setting</li> <li>● Workplace Specialist: Housing Occupations</li> <li>● ETE: Trade &amp; Industrial: Building Trades Technology</li> <li>● Workplace Specialist: Building Trades Technology</li> <li>● Technology Education</li> </ul>	<ul style="list-style-type: none"> <li>● ETE: Family &amp; Consumer Sciences 5-12</li> <li>● ETE: Trade &amp; Industrial Building Trades 5-12</li> <li>● ETE: Trade &amp; Industrial: Interior Design 5-12</li> <li>● Workplace Specialist: Interior Design &amp; Housing 9-12</li> <li>● Workplace Specialist: Building Trades/Construction 9-12</li> </ul>
Interior Design	7248	Interior Design Capstone	Arts, AV Tech and Comm	INT DES CAP	<ul style="list-style-type: none"> <li>● Vocational Home Economics K-12</li> <li>● Standard Trade &amp; Industrial: Building Trades K-12</li> <li>● Industrial Arts 7-12, K-12</li> </ul>	<ul style="list-style-type: none"> <li>● Occupational Education (FACS) 9-12</li> <li>● Occupational Specialist I, II or III: Institutional &amp; Home Management 9-12</li> <li>● Standard Trade &amp; Industrial: Building Trades 9-12</li> <li>● Occupational Specialist I, II or III: Building Trades 9-12</li> <li>● Industrial Technology K-12</li> <li>● Industrial Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>● ETE: Family &amp; Consumer Sciences with high school setting</li> <li>● Workplace Specialist: Housing Occupations</li> <li>● ETE: Trade &amp; Industrial: Building Trades Technology</li> <li>● Workplace Specialist: Building Trades Technology</li> <li>● Technology Education</li> </ul>	<ul style="list-style-type: none"> <li>● ETE: Family &amp; Consumer Sciences 5-12</li> <li>● ETE: Trade &amp; Industrial Building Trades 5-12</li> <li>● ETE: Trade &amp; Industrial: Interior Design 5-12</li> <li>● Workplace Specialist: Interior Design &amp; Housing 9-12</li> <li>● Workplace Specialist: Building Trades/Construction 9-12</li> </ul>
Radio and TV	7139	Principles of Broadcasting	Arts, AV Tech and Comm	PRIN BROAD	<ul style="list-style-type: none"> <li>● Radio &amp; Television 9-12</li> <li>● Industrial Arts 7-12, K-12</li> <li>● English 7-12 and work experience in communications/media</li> <li>● Journalism 7-12</li> </ul>	<ul style="list-style-type: none"> <li>● Radio &amp; Television 9-12</li> <li>● Occupational Specialist: Marketing: Radio &amp; Television 9-12</li> <li>● Industrial Technology K-12</li> <li>● Industrial Education K-12</li> <li>● English 9-12 and work experience in communications/media</li> <li>● Journalism 9-12</li> </ul>	<ul style="list-style-type: none"> <li>● Workplace Specialist: Marketing: Radio/TV/Telecommunications</li> <li>● Technology Education with high school setting</li> <li>● Language Arts with high school setting and work experience in communications/media</li> <li>● Journalism with high school setting</li> </ul>	<ul style="list-style-type: none"> <li>● Workplace Specialist: Radio &amp; TV 9-12</li> <li>● Technology Education 5-12</li> <li>● Journalism 5-12</li> <li>● Language Arts 5-12 and work experience in communications/media</li> <li>● Workplace Specialist: Interactive Media 9-12</li> <li>● ETE: Trade &amp; Industrial: Interactive Media 5-12</li> <li>● ETE: Trade &amp; Industrial: Radio &amp; TV 5-12</li> </ul>
Radio & TV	7306	Audio and Video Production Essentials	Arts, AV Tech and Comm	AUD VID PROD	<ul style="list-style-type: none"> <li>● Radio &amp; Television 9-12</li> <li>● Industrial Arts 7-12, K-12</li> <li>● English 7-12 and work experience in communications/media</li> <li>● Journalism 7-12</li> </ul>	<ul style="list-style-type: none"> <li>● Radio &amp; Television 9-12</li> <li>● Occupational Specialist: Marketing: Radio &amp; Television 9-12</li> <li>● Industrial Technology K-12</li> <li>● Industrial Education K-12</li> <li>● English 9-12 and work experience in communications/media</li> <li>● Journalism 9-12</li> </ul>	<ul style="list-style-type: none"> <li>● Workplace Specialist: Marketing: Radio/TV/Telecommunications</li> <li>● Technology Education with high school setting</li> <li>● Language Arts with high school setting and work experience in communications/media</li> <li>● Journalism with high school setting</li> </ul>	<ul style="list-style-type: none"> <li>● Workplace Specialist: Radio &amp; TV 9-12</li> <li>● Technology Education 5-12</li> <li>● Journalism 5-12</li> <li>● Language Arts 5-12 and work experience in communications/media</li> <li>● Workplace Specialist: Interactive Media 9-12</li> <li>● ETE: Trade &amp; Industrial: Interactive Media 5-12</li> <li>● ETE: Trade &amp; Industrial: Radio &amp; TV 5-12</li> </ul>
Radio & TV	7307	Mass Media Production	Arts, AV Tech and Comm	MASS MED PROD	<ul style="list-style-type: none"> <li>● Radio &amp; Television 9-12</li> <li>● Industrial Arts 7-12, K-12</li> <li>● English 7-12 and work experience in communications/media</li> <li>● Journalism 7-12</li> </ul>	<ul style="list-style-type: none"> <li>● Radio &amp; Television 9-12</li> <li>● Occupational Specialist: Marketing: Radio &amp; Television 9-12</li> <li>● Industrial Technology K-12</li> <li>● Industrial Education K-12</li> <li>● English 9-12 and work experience in communications/media</li> <li>● Journalism 9-12</li> </ul>	<ul style="list-style-type: none"> <li>● Workplace Specialist: Marketing: Radio/TV/Telecommunications</li> <li>● Technology Education with high school setting</li> <li>● Language Arts with high school setting and work experience in communications/media</li> <li>● Journalism with high school setting</li> </ul>	<ul style="list-style-type: none"> <li>● Workplace Specialist: Radio &amp; TV 9-12</li> <li>● Technology Education 5-12</li> <li>● Journalism 5-12</li> <li>● Language Arts 5-12 and work experience in communications/media</li> <li>● Workplace Specialist: Interactive Media 9-12</li> <li>● ETE: Trade &amp; Industrial: Interactive Media 5-12</li> <li>● ETE: Trade &amp; Industrial: Radio &amp; TV 5-12</li> </ul>
Radio & TV	7308	Radio & TV Broadcasting Capstone	Arts, AV Tech and Comm	RAD TV BROAD CAP	<ul style="list-style-type: none"> <li>● Radio &amp; Television 9-12</li> <li>● Industrial Arts 7-12, K-12</li> <li>● English 7-12 and work experience in communications/media</li> <li>● Journalism 7-12</li> </ul>	<ul style="list-style-type: none"> <li>● Radio &amp; Television 9-12</li> <li>● Occupational Specialist: Marketing: Radio &amp; Television 9-12</li> <li>● Industrial Technology K-12</li> <li>● Industrial Education K-12</li> <li>● English 9-12 and work experience in communications/media</li> <li>● Journalism 9-12</li> </ul>	<ul style="list-style-type: none"> <li>● Workplace Specialist: Marketing: Radio/TV/Telecommunications</li> <li>● Technology Education with high school setting</li> <li>● Language Arts with high school setting and work experience in communications/media</li> <li>● Journalism with high school setting</li> </ul>	<ul style="list-style-type: none"> <li>● Workplace Specialist: Radio &amp; TV 9-12</li> <li>● Technology Education 5-12</li> <li>● Journalism 5-12</li> <li>● Language Arts 5-12 and work experience in communications/media</li> <li>● Workplace Specialist: Interactive Media 9-12</li> <li>● ETE: Trade &amp; Industrial: Interactive Media 5-12</li> <li>● ETE: Trade &amp; Industrial: Radio &amp; TV 5-12</li> </ul>



Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
	6142	Advanced Career & Technical Education, College Credit: Business, Marketing, and Entrepreneurship	Business Management, Marketing and Finance	ADV BUS CC BME	<ul style="list-style-type: none"> <li>• Appropriate Vocational License</li> <li>• Business Education 7- 12</li> <li>• Distributive Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>• Appropriate Vocational license</li> <li>• Business Education 9-12</li> <li>• Marketing Education 9-12</li> <li>• Distributive Education K-12</li> <li>• Business Education with Vocational Endorsement 9-12</li> <li>• Occupational Specialist in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>• Appropriate CTE License with high school setting</li> <li>• Business with high school setting</li> <li>• CTE: Marketing with high school setting</li> <li>• CTE: Business Services &amp; Technology with high school setting</li> <li>• Workplace Specialist in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>• Appropriate CTE License 5-12</li> <li>• Business 5-12</li> <li>• CTE: Business Services &amp; Technology 5-12</li> <li>• CTE: Business &amp; Information Technology 5-12</li> <li>• CTE: Marketing 5-12</li> <li>• Workplace Specialist in related course approved for a CTE Pathway</li> </ul>
	5968	Business, Marketing and Entrepreneurship: Special Topics	Business Management, Marketing and Finance	BME ST	<ul style="list-style-type: none"> <li>• Appropriate Vocational License</li> <li>• Business Education 7- 12</li> <li>• Distributive Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>• Appropriate Vocational license</li> <li>• Business Education 9-12</li> <li>• Marketing Education 9-12</li> <li>• Distributive Education K-12</li> <li>• Business Education with Vocational Endorsement 9-12</li> <li>• Occupational Specialist in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>• Appropriate CTE License with high school setting</li> <li>• Business with high school setting</li> <li>• CTE: Marketing with high school setting</li> <li>• CTE: Business Services &amp; Technology with high school setting</li> <li>• Workplace Specialist in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>• Appropriate CTE License 5-12</li> <li>• Business 5-12</li> <li>• CTE: Business Services &amp; Technology 5-12</li> <li>• CTE: Business &amp; Information Technology 5-12</li> <li>• CTE: Marketing 5-12</li> <li>• Workplace Specialist in related course approved for a CTE Pathway</li> </ul>
	4518	Introduction to Business	Business Management, Marketing and Finance	INTO BUSS	<ul style="list-style-type: none"> <li>• Business Education 7- 12</li> <li>• Distributive Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>• Business Education 9-12</li> <li>• Marketing Education 9-12</li> <li>• Distributive Education K-12</li> <li>• Business Education with Vocational Endorsement 9-12</li> <li>• Occupational Specialist I, II or III in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>• Business with high school setting</li> <li>• CTE: Marketing with high school setting</li> <li>• CTE: Business Services &amp; Technology with high school setting</li> <li>• Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>• Business 5-12</li> <li>• CTE: Business Services &amp; Technology 5-12</li> <li>• CTE: Business &amp; Information Technology 5-12</li> <li>• CTE: Marketing 5-12</li> <li>• Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>
	5967	Introduction to Entrepreneurship	Business Management, Marketing and Finance	INTO ENTR	<ul style="list-style-type: none"> <li>• Business Education 7- 12</li> <li>• Distributive Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>• Business Education 9-12</li> <li>• Marketing Education 9-12</li> <li>• Distributive Education K-12</li> <li>• Business Education with Vocational Endorsement 9-12</li> <li>• Occupational Specialist I, II or III in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>• Business with high school setting</li> <li>• CTE: Marketing with high school setting</li> <li>• CTE: Business Services &amp; Technology with high school setting</li> <li>• Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>• Business 5-12</li> <li>• CTE: Business Services &amp; Technology 5-12</li> <li>• CTE: Business &amp; Information Technology 5-12</li> <li>• CTE: Marketing 5-12</li> <li>• Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>
	5966	Entrepreneurship and New Ventures Capstone	Business Management, Marketing and Finance	ENT VENT CAP	<ul style="list-style-type: none"> <li>• Business Education 7- 12</li> <li>• Business Education with Vocational Business Endorsement 7-12</li> <li>• Distributive Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>• Business Education 9-12</li> <li>• Business Education with Vocational Business Endorsement 9-12</li> <li>• Marketing Education 9-12</li> <li>• Distributive Education K-12</li> <li>• Occupational Specialist: Business: Entrepreneurship / Small Business Ownership 9-12</li> </ul>	<ul style="list-style-type: none"> <li>• Business with high school setting</li> <li>• CTE: Business Services &amp; Technology with high school setting</li> <li>• CTE: Marketing with high school setting</li> <li>• Workplace Specialist: Marketing: Entrepreneurship / Small Business Ownership</li> </ul>	<ul style="list-style-type: none"> <li>• Business 5-12</li> <li>• CTE: Business Services &amp; Technology 5-12</li> <li>• CTE: Business &amp; Information Technology 5-12</li> <li>• CTE: Marketing 5-12</li> <li>• Workplace Specialist: Entrepreneurship 9-12</li> </ul>
	4512	Business Math	Business Management, Marketing and Finance	BUS MATH	<ul style="list-style-type: none"> <li>• Business Education 7- 12</li> <li>• Distributive Education K-12</li> <li>• Mathematics 7-12</li> </ul>	<ul style="list-style-type: none"> <li>• Business Education 9-12</li> <li>• Marketing Education 9-12</li> <li>• Distributive Education K-12</li> <li>• Business Education with Vocational Endorsement 9-12</li> <li>• Mathematics 9-12</li> <li>• General Math 5-12</li> </ul>	<ul style="list-style-type: none"> <li>• Business with high school setting</li> <li>• CTE: Marketing with high school setting</li> <li>• CTE: Business Services &amp; Technology with high school setting</li> <li>• Mathematics with high school setting</li> </ul>	<ul style="list-style-type: none"> <li>• Business 5-12</li> <li>• Mathematics 5-12</li> <li>• CTE: Marketing 5-12</li> <li>• CTE: Business Services &amp; Technology 5-12</li> <li>• CTE: Business &amp; Information Technology 5-12</li> </ul>
	4512	Applied Business Math	Business Management, Marketing and Finance	BUS MATH	<ul style="list-style-type: none"> <li>• Business Education 7- 12</li> <li>• Distributive Education K-12</li> <li>• Mathematics 7-12</li> </ul>	<ul style="list-style-type: none"> <li>• Business Education 9-12</li> <li>• Marketing Education 9-12</li> <li>• Distributive Education K-12</li> <li>• Business Education with Vocational Endorsement 9-12</li> <li>• Mathematics 9-12</li> <li>• General Math 5-12</li> </ul>	<ul style="list-style-type: none"> <li>• Business with high school setting</li> <li>• CTE: Marketing with high school setting</li> <li>• CTE: Business Services &amp; Technology with high school setting</li> <li>• Mathematics with high school setting</li> </ul>	<ul style="list-style-type: none"> <li>• Business 5-12</li> <li>• Mathematics 5-12</li> <li>• CTE: Marketing 5-12</li> <li>• CTE: Business Services &amp; Technology 5-12</li> <li>• CTE: Business &amp; Information Technology 5-12</li> </ul>
Business Admin	4562	Principles of Business Management	Business Management, Marketing and Finance	PRIN BUS	<ul style="list-style-type: none"> <li>• Business Education 7-12</li> <li>• Distributive Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>• Business Education 9-12</li> <li>• Marketing Education 9-12</li> <li>• Distributive Education K-12</li> <li>• Business Education with Vocational Endorsement 9-12</li> <li>• Occupational Specialist I, II or III in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>• Business with high school setting</li> <li>• CTE: Marketing with high school setting</li> <li>• CTE: Business Services &amp; Technology with high school setting</li> <li>• Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>• Business 5-12</li> <li>• CTE: Business Services &amp; Technology 5-12</li> <li>• CTE: Business &amp; Information Technology 5-12</li> <li>• CTE: Marketing 5-12</li> <li>• Workplace Specialist: Advanced Business Management 9-12</li> <li>• Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>

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

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
Finance and Investment	5258	Finance and Investment	Business Management, Marketing and Finance	FIN INVEST	<ul style="list-style-type: none"> <li>● Business Education 7-12</li> <li>● Distributive Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>● Business Education 9-12</li> <li>● Marketing Education 9-12</li> <li>● Distributive Education K-12</li> <li>● Business Education with Vocational Endorsement 9-12</li> </ul>	<ul style="list-style-type: none"> <li>● Business with high school setting</li> <li>● CTE: Marketing with high school setting</li> <li>● CTE: Business Services &amp; Technology with high school setting</li> <li>● Workplace Specialist: Business: Accounting &amp; Finance</li> </ul>	<ul style="list-style-type: none"> <li>● Business 5-12</li> <li>● CTE: Business Services &amp; Technology 5-12</li> <li>● CTE: Business &amp; Information Technology 5-12</li> <li>● CTE: Marketing 5-12</li> <li>● Workplace Specialist: Accounting &amp; Finance 9-12</li> <li>● CTE: Trade &amp; Industrial: Accounting &amp; Finance 5-12</li> </ul>
Finance and Investment	7265	Finance and Investment Capstone	Business Management, Marketing and Finance	FIN CAP	<ul style="list-style-type: none"> <li>● Business Education 7-12</li> <li>● Distributive Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>● Business Education 9-12</li> <li>● Marketing Education 9-12</li> <li>● Distributive Education K-12</li> <li>● Business Education with Vocational Endorsement 9-12</li> </ul>	<ul style="list-style-type: none"> <li>● Business with high school setting</li> <li>● CTE: Marketing with high school setting</li> <li>● CTE: Business Services &amp; Technology with high school setting</li> <li>● Workplace Specialist: Business: Accounting &amp; Finance</li> </ul>	<ul style="list-style-type: none"> <li>● Business 5-12</li> <li>● CTE: Business Services &amp; Technology 5-12</li> <li>● CTE: Business &amp; Information Technology 5-12</li> <li>● CTE: Marketing 5-12</li> <li>● Workplace Specialist: Accounting &amp; Finance 9-12</li> <li>● CTE: Trade &amp; Industrial: Accounting &amp; Finance 5-12</li> </ul>
Marketing and Sales	5914	Marketing Fundamentals	Business Management, Marketing and Finance	MRKT FUND	<ul style="list-style-type: none"> <li>● Business Education 7-12</li> <li>● Distributive Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>● Business Education 9-12</li> <li>● Marketing Education 9-12</li> <li>● Distributive Education K-12</li> <li>● Business Education with Vocational Endorsement 9-12</li> <li>● Occupational Specialist with specific experience in strategic marketing</li> </ul>	<ul style="list-style-type: none"> <li>● Business with high school setting</li> <li>● CTE: Marketing with high school setting</li> <li>● CTE: Business Services &amp; Technology with high school setting</li> <li>● Workplace Specialist with specific experience in strategic marketing</li> </ul>	<ul style="list-style-type: none"> <li>● Business 5-12</li> <li>● CTE: Marketing 5-12</li> <li>● CTE: Business Services &amp; Technology 5-12</li> <li>● CTE: Business &amp; Information Technology 5-12</li> <li>● Workplace Specialist with specific experience in strategic marketing</li> </ul>
Marketing and Sales	7145	Digital Marketing	Business Management, Marketing and Finance	DGTL MARK	<ul style="list-style-type: none"> <li>● Distributive Education 9-12</li> </ul>	<ul style="list-style-type: none"> <li>● Marketing Education 9-12</li> <li>● Distributive Education K-12</li> <li>● Occupational Specialist with specific experience in strategic marketing</li> </ul>	<ul style="list-style-type: none"> <li>● CTE: Marketing with high school setting</li> <li>● Workplace Specialist with specific experience in strategic marketing</li> </ul>	<ul style="list-style-type: none"> <li>● CTE: Marketing 5-12</li> <li>● Workplace Specialist with specific experience in strategic marketing</li> </ul>
Marketing and Sales	5918	Strategic Marketing	Business Management, Marketing and Finance	STRT MRKT	<ul style="list-style-type: none"> <li>● Distributive Education 9-12</li> </ul>	<ul style="list-style-type: none"> <li>● Marketing Education 9-12</li> <li>● Distributive Education K-12</li> <li>● Occupational Specialist with specific experience in strategic marketing</li> </ul>	<ul style="list-style-type: none"> <li>● CTE: Marketing with high school setting</li> <li>● Workplace Specialist with specific experience in strategic marketing</li> </ul>	<ul style="list-style-type: none"> <li>● CTE: Marketing 5-12</li> <li>● Workplace Specialist with specific experience in strategic marketing</li> </ul>
Entrepreneurship	7201	Business Management Capstone	Business Management, Marketing and Finance	BUS MGMT CAP	<ul style="list-style-type: none"> <li>● Business Education 7-12</li> <li>● Distributive Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>● Business Education 9-12</li> <li>● Marketing Education 9-12</li> <li>● Distributive Education K-12</li> <li>● Business Education with Vocational Endorsement 9-12</li> <li>● Occupational Specialist I, II or III in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>● Business with high school setting</li> <li>● CTE: Marketing with high school setting</li> <li>● CTE: Business Services &amp; Technology with high school setting</li> <li>● Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>● Business 5-12</li> <li>● CTE: Business Services &amp; Technology 5-12</li> <li>● CTE: Business &amp; Information Technology 5-12</li> <li>● CTE: Marketing 5-12</li> <li>● Workplace Specialist: Advanced Business Management 9-12</li> <li>● Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>
Supply Chain	7155	Logistics Management	Business Management, Marketing and Finance	LOG MGMT	<ul style="list-style-type: none"> <li>● Business Education 7-12</li> <li>● Distributive Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>● Business Education 9-12</li> <li>● Marketing Education 9-12</li> <li>● Distributive Education K-12</li> <li>● Business Education with Vocational Endorsement 9-12</li> <li>● Occupational Specialist I, II or III in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>● CTE: Trade &amp; Industrial: Logistics</li> <li>● Business with high school setting</li> <li>● Workplace Specialist I or II in related course approved for a CTE pathway</li> <li>● CTE: Marketing with high school setting</li> <li>● CTE: Business &amp; Information Technology 5-12</li> <li>● CTE: Business Services &amp; Technology 5-12</li> <li>● Workplace Specialist: Logistics</li> </ul>	<ul style="list-style-type: none"> <li>● Business 5-12</li> <li>● CTE: Trade &amp; Industrial: Logistics 5-12</li> <li>● CTE: Business &amp; Information Technology 5-12</li> <li>● CTE: Business Services &amp; Technology 5-12</li> <li>● Workplace Specialist: Logistics 9-12</li> <li>● CTE: Marketing 5-12</li> <li>● Workplace Specialist: Advanced Business Management 9-12</li> <li>● Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
Supply Chain	7142	Supply Chain Management	Business Management, Marketing and Finance	SUP CH MGMT	<ul style="list-style-type: none"> <li>● Business Education 7-12</li> <li>● Distributive Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>● Business Education 9-12</li> <li>● Marketing Education 9-12</li> <li>● Distributive Education K-12</li> <li>● Business Education with Vocational Endorsement 9-12</li> <li>● Occupational Specialist I, II or III in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>● CTE: Trade &amp; Industrial: Logistics</li> <li>● Business with high school setting</li> <li>● Workplace Specialist I or II in related course approved for a CTE pathway</li> <li>● CTE: Marketing with high school setting</li> <li>● CTE: Business &amp; Information Technology 5-12</li> <li>● CTE: Business Services &amp; Technology 5-12</li> <li>● Workplace Specialist: Logistics</li> </ul>	<ul style="list-style-type: none"> <li>● Business 5-12</li> <li>● CTE: Trade &amp; Industrial: Logistics 5-12</li> <li>● CTE: Business &amp; Information Technology 5-12</li> <li>● CTE: Business Services &amp; Technology 5-12</li> <li>● Workplace Specialist: Logistics 9-12</li> <li>● CTE: Marketing 5-12</li> <li>● Workplace Specialist: Advanced Business Management 9-12</li> <li>● Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>
Supply Chain	7258	Supply Chain Management Capstone	Business Management, Marketing and Finance	SUP CH MGMT CAP	<ul style="list-style-type: none"> <li>● Business Education 7-12</li> <li>● Distributive Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>● Business Education 9-12</li> <li>● Marketing Education 9-12</li> <li>● Distributive Education K-12</li> <li>● Business Education with Vocational Endorsement 9-12</li> <li>● Occupational Specialist I, II or III in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>● CTE: Trade &amp; Industrial: Logistics</li> <li>● Business with high school setting</li> <li>● Workplace Specialist I or II in related course approved for a CTE pathway</li> <li>● CTE: Marketing with high school setting</li> <li>● CTE: Business &amp; Information Technology 5-12</li> <li>● CTE: Business Services &amp; Technology 5-12</li> <li>● Workplace Specialist: Logistics</li> </ul>	<ul style="list-style-type: none"> <li>● Business 5-12</li> <li>● CTE: Trade &amp; Industrial: Logistics 5-12</li> <li>● CTE: Business &amp; Information Technology 5-12</li> <li>● CTE: Business Services &amp; Technology 5-12</li> <li>● Workplace Specialist: Logistics 9-12</li> <li>● CTE: Marketing 5-12</li> <li>● Workplace Specialist: Advanced Business Management 9-12</li> <li>● Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>
Insurance	7149	Insurance Fundamentals	Business Management, Marketing and Finance	INS FUN	<ul style="list-style-type: none"> <li>● Business Education 7-12</li> <li>● Distributive Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>● Business Education 9-12</li> <li>● Marketing Education 9-12</li> <li>● Distributive Education K-12</li> <li>● Business Education with Vocational Endorsement 9-12</li> </ul>	<ul style="list-style-type: none"> <li>● Business with high school setting</li> <li>● CTE: Marketing with high school setting</li> <li>● CTE: Business Services &amp; Technology with high school setting</li> <li>● Workplace Specialist: Business: Accounting &amp; Finance</li> </ul>	<ul style="list-style-type: none"> <li>● Business 5-12</li> <li>● CTE: Business Services &amp; Technology 5-12</li> <li>● CTE: Business &amp; Information Technology 5-12</li> <li>● CTE: Marketing 5-12</li> <li>● Workplace Specialist: Accounting &amp; Finance 9-12</li> <li>● CTE: Trade &amp; Industrial: Accounting &amp; Finance 5-12</li> </ul>
Insurance	7151	Personal and Commercial Insurance	Business Management, Marketing and Finance	PER PROP INS	<ul style="list-style-type: none"> <li>● Business Education 7-12</li> <li>● Distributive Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>● Business Education 9-12</li> <li>● Marketing Education 9-12</li> <li>● Distributive Education K-12</li> <li>● Business Education with Vocational Endorsement 9-12</li> </ul>	<ul style="list-style-type: none"> <li>● Business with high school setting</li> <li>● CTE: Marketing with high school setting</li> <li>● CTE: Business Services &amp; Technology with high school setting</li> <li>● Workplace Specialist: Business: Accounting &amp; Finance</li> </ul>	<ul style="list-style-type: none"> <li>● Business 5-12</li> <li>● CTE: Business Services &amp; Technology 5-12</li> <li>● CTE: Business &amp; Information Technology 5-12</li> <li>● CTE: Marketing 5-12</li> <li>● Workplace Specialist: Accounting &amp; Finance 9-12</li> <li>● CTE: Trade &amp; Industrial: Accounting &amp; Finance 5-12</li> </ul>
Entrepreneurship	7154	Principles of Entrepreneurship	Business Management, Marketing and Finance	PRIN ENTR	<ul style="list-style-type: none"> <li>● Business Education 7-12</li> <li>● Distributive Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>● Business Education 9-12</li> <li>● Marketing Education 9-12</li> <li>● Distributive Education K-12</li> <li>● Business Education with Vocational Endorsement 9-12</li> <li>● Occupational Specialist I, II or III in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>● Business with high school setting</li> <li>● CTE: Marketing with high school setting</li> <li>● CTE: Business Services &amp; Technology with high school setting</li> <li>● Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>● Business 5-12</li> <li>● CTE: Business Services &amp; Technology 5-12</li> <li>● CTE: Business &amp; Information Technology 5-12</li> <li>● CTE: Marketing 5-12</li> <li>● Workplace Specialist I or II in related course approved for a CTE pathway</li> <li>● Workplace Specialist: Entrepreneurship 9-12</li> <li>● CTE: Trade &amp; Industrial: Entrepreneurship 5-12</li> </ul>
Entrepreneurship	7148	New Venture Development	Business Management, Marketing and Finance	NEW VENT	<ul style="list-style-type: none"> <li>● Business Education 7-12</li> <li>● Distributive Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>● Business Education 9-12</li> <li>● Marketing Education 9-12</li> <li>● Distributive Education K-12</li> <li>● Business Education with Vocational Endorsement 9-12</li> <li>● Occupational Specialist I, II or III in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>● Business with high school setting</li> <li>● CTE: Marketing with high school setting</li> <li>● CTE: Business Services &amp; Technology with high school setting</li> <li>● Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>● Business 5-12</li> <li>● CTE: Business Services &amp; Technology 5-12</li> <li>● CTE: Business &amp; Information Technology 5-12</li> <li>● CTE: Marketing 5-12</li> <li>● Workplace Specialist I or II in related course approved for a CTE pathway</li> <li>● Workplace Specialist: Entrepreneurship 9-12</li> <li>● CTE: Trade &amp; Industrial: Entrepreneurship 5-12</li> </ul>

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
Entrepreneurship	7147	Small Business Operation	Business Management, Marketing and Finance	SM BUS OPER	<ul style="list-style-type: none"> <li>● Business Education 7-12</li> <li>● Distributive Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>● Business Education 9-12</li> <li>● Marketing Education 9-12</li> <li>● Distributive Education K-12</li> <li>● Business Education with Vocational Endorsement 9-12</li> <li>● Occupational Specialist I, II or III in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>● Business with high school setting</li> <li>● CTE: Marketing with high school setting</li> <li>● CTE: Business Services &amp; Technology with high school setting</li> <li>● Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>● Business 5-12</li> <li>● CTE: Business Services &amp; Technology 5-12</li> <li>● CTE: Business &amp; Information Technology 5-12</li> <li>● CTE: Marketing 5-12</li> <li>● Workplace Specialist I or II in related course approved for a CTE pathway</li> <li>● Workplace Specialist: Entrepreneurship 9-12</li> <li>● CTE: Trade &amp; Industrial: Entrepreneurship 5-12</li> </ul>
Bus Operations and Tech	7153	Principles of Business Operations and Technology	Business Management, Marketing and Finance	PRIN BUS OP TECH	<ul style="list-style-type: none"> <li>● Business Education 7-12</li> <li>● Distributive Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>● Business Education 9-12</li> <li>● Marketing Education 9-12</li> <li>● Distributive Education K-12</li> <li>● Business Education with Vocational Endorsement 9-12</li> </ul>	<ul style="list-style-type: none"> <li>● Business with high school setting</li> <li>● CTE: Marketing with high school setting</li> <li>● CTE: Business Services &amp; Technology with high school setting</li> </ul>	<ul style="list-style-type: none"> <li>● Business 5-12</li> <li>● CTE: Business Services &amp; Technology 5-12</li> <li>● CTE: Business &amp; Information Technology 5-12</li> <li>● CTE: Marketing 5-12</li> <li>● Workplace Specialist: Advanced Business Management 9-12</li> </ul>
Bus Operations and Tech	7144	Business Office Communications	Business Management, Marketing and Finance	BUS OFF COMM	<ul style="list-style-type: none"> <li>● Business Education 7-12</li> <li>● Distributive Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>● Business Education 9-12</li> <li>● Marketing Education 9-12</li> <li>● Distributive Education K-12</li> <li>● Business Education with Vocational Endorsement 9-12</li> </ul>	<ul style="list-style-type: none"> <li>● Business with high school setting</li> <li>● CTE: Marketing with high school setting</li> <li>● CTE: Business Services &amp; Technology with high school setting</li> </ul>	<ul style="list-style-type: none"> <li>● Business 5-12</li> <li>● CTE: Business Services &amp; Technology 5-12</li> <li>● CTE: Business &amp; Information Technology 5-12</li> <li>● CTE: Marketing 5-12</li> <li>● Workplace Specialist: Advanced Business Management 9-12</li> </ul>
Bus Operations and Tech	7146	Digital Data Applications	Business Management, Marketing and Finance	DGTL REC KEEP	<ul style="list-style-type: none"> <li>● Business Education 7-12</li> <li>● Distributive Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>● Business Education 9-12</li> <li>● Marketing Education 9-12</li> <li>● Distributive Education K-12</li> <li>● Business Education with Vocational Endorsement 9-12</li> </ul>	<ul style="list-style-type: none"> <li>● Business with high school setting</li> <li>● CTE: Marketing with high school setting</li> <li>● CTE: Business Services &amp; Technology with high school setting</li> </ul>	<ul style="list-style-type: none"> <li>● Business 5-12</li> <li>● CTE: Business Services &amp; Technology 5-12</li> <li>● CTE: Business &amp; Information Technology 5-12</li> <li>● CTE: Marketing 5-12</li> <li>● Workplace Specialist: Advanced Business Management 9-12</li> </ul>
Bus Operations and Tech	7254	Business Operations and Technology Capstone	Business Management, Marketing and Finance	BUS OPER CAP	<ul style="list-style-type: none"> <li>● Business Education 7-12</li> <li>● Distributive Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>● Business Education 9-12</li> <li>● Marketing Education 9-12</li> <li>● Distributive Education K-12</li> <li>● Business Education with Vocational Endorsement 9-12</li> </ul>	<ul style="list-style-type: none"> <li>● Business with high school setting</li> <li>● CTE: Marketing with high school setting</li> <li>● CTE: Business Services &amp; Technology with high school setting</li> </ul>	<ul style="list-style-type: none"> <li>● Business 5-12</li> <li>● CTE: Business Services &amp; Technology 5-12</li> <li>● CTE: Business &amp; Information Technology 5-12</li> <li>● CTE: Marketing 5-12</li> <li>● Workplace Specialist: Advanced Business Management 9-12</li> </ul>
	6140	Advanced Career & Technical Education, College Credit: Education and Training	Education and Training	ADV CTE CC ET	<ul style="list-style-type: none"> <li>● Vocational Home Economics K-12</li> <li>● A teacher with an Elementary, Early Childhood or Psychology license with proof of 5 years teaching experience</li> </ul>	<ul style="list-style-type: none"> <li>● Consumer Homemaking Education 9-12</li> <li>● Occupational Education (FACS) 9-12</li> <li>● A teacher with an Elementary, Early Childhood or Psychology license with proof of 5 years teaching experience</li> </ul>	<ul style="list-style-type: none"> <li>● CTE: Family &amp; Consumer Sciences with high school setting</li> <li>● Workplace Specialist: Early Childhood Education and Services</li> <li>● A teacher with an Elementary, Early Childhood or Psychology license with proof of 5 years teaching experience</li> </ul>	<ul style="list-style-type: none"> <li>● CTE: Family &amp; Consumer Sciences 5-12</li> <li>● Workplace Specialist: Early Childhood Education and Services 9-12</li> <li>● A teacher with an Elementary, Early Childhood or Psychology license with proof of 5 years teaching experience</li> </ul>
	5976	Education and Training: Special Topics	Education and Training	ET ST	<ul style="list-style-type: none"> <li>● Appropriate Vocational License</li> <li>● Vocational Home Economics K-12</li> <li>● Any valid teaching license with proof of 5 years teaching experience</li> </ul>	<ul style="list-style-type: none"> <li>● Appropriate Vocational License</li> <li>● Consumer Homemaking Education 9-12</li> <li>● Occupational Education (FACS) 9-12</li> <li>● Any valid teaching license with proof of 5 years teaching experience</li> </ul>	<ul style="list-style-type: none"> <li>● Appropriate CTE License</li> <li>● CTE: Family &amp; Consumer Sciences with high school setting</li> <li>● Any valid teaching license with proof of 5 years teaching experience</li> </ul>	<ul style="list-style-type: none"> <li>● Appropriate CTE License</li> <li>● CTE: Family &amp; Consumer Sciences 5-12</li> <li>● Workplace Specialist: Education Professions 9-12</li> <li>● Any valid teaching license with proof of 5 years teaching experience</li> </ul>
Early Childhood	7160	Principles of Early Childhood Education	Education and Training	PRIN EAR CH ED	<ul style="list-style-type: none"> <li>● Vocational Home Economics K-12</li> <li>● A teacher with an Elementary, Early Childhood or Psychology license with proof of 5 years teaching experience</li> </ul>	<ul style="list-style-type: none"> <li>● Consumer Homemaking Education 9-12</li> <li>● Occupational Education (FACS) 9-12</li> <li>● A teacher with an Elementary, Early Childhood or Psychology license with proof of 5 years teaching experience</li> </ul>	<ul style="list-style-type: none"> <li>● CTE: Family &amp; Consumer Sciences with high school setting</li> <li>● Occupational Education (FACS) 9-12</li> <li>● Workplace Specialist: Early Childhood Education and Services</li> <li>● A teacher with an Elementary, Early Childhood or Psychology license with proof of 5 years teaching experience</li> </ul>	<ul style="list-style-type: none"> <li>● CTE: Family &amp; Consumer Sciences 5-12</li> <li>● Workplace Specialist: Early Childhood Education and Services 9-12</li> <li>● A teacher with an Elementary, Early Childhood or Psychology license with proof of 5 years teaching experience</li> </ul>

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
Early Childhood	7158	Early Childhood Education Curriculum	Education and Training	EAR CHD ED CUR	<ul style="list-style-type: none"> <li>• Vocational Home Economics K-12</li> <li>• A teacher with an Elementary, Early Childhood or Psychology license with proof of 5 years teaching experience</li> </ul>	<ul style="list-style-type: none"> <li>• Consumer Homemaking Education 9-12</li> <li>• Occupational Education (FACS) 9-12</li> <li>• A teacher with an Elementary, Early Childhood or Psychology license with proof of 5 years teaching experience</li> </ul>	<ul style="list-style-type: none"> <li>• CTE: Family &amp; Consumer Sciences with high school setting</li> <li>• Workplace Specialist: Early Childhood Education and Services</li> <li>• A teacher with an Elementary, Early Childhood or Psychology license with proof of 5 years teaching experience</li> </ul>	<ul style="list-style-type: none"> <li>• CTE: Family &amp; Consumer Sciences 5-12</li> <li>• Workplace Specialist: Early Childhood Education and Services 9-12</li> <li>• A teacher with an Elementary, Early Childhood or Psychology license with proof of 5 years teaching experience</li> </ul>
Early Childhood	7159	Early Childhood Education Guidance	Education and Training	EAR CHD ED GD	<ul style="list-style-type: none"> <li>• Vocational Home Economics K-12</li> <li>• A teacher with an Elementary, Early Childhood or Psychology license with proof of 5 years teaching experience</li> </ul>	<ul style="list-style-type: none"> <li>• Consumer Homemaking Education 9-12</li> <li>• Occupational Education (FACS) 9-12</li> <li>• A teacher with an Elementary, Early Childhood or Psychology license with proof of 5 years teaching experience</li> </ul>	<ul style="list-style-type: none"> <li>• CTE: Family &amp; Consumer Sciences with high school setting</li> <li>• Workplace Specialist: Early Childhood Education and Services</li> <li>• A teacher with an Elementary, Early Childhood or Psychology license with proof of 5 years teaching experience</li> </ul>	<ul style="list-style-type: none"> <li>• CTE: Family &amp; Consumer Sciences 5-12</li> <li>• Workplace Specialist: Early Childhood Education and Services 9-12</li> <li>• A teacher with an Elementary, Early Childhood or Psychology license with proof of 5 years teaching experience</li> </ul>
Early Childhood	7259	Early Childhood Education Capstone	Education and Training	ERLY CHILD CAP	<ul style="list-style-type: none"> <li>• Vocational Home Economics K-12</li> <li>• A teacher with an Elementary, Early Childhood or Psychology license with proof of 5 years teaching experience</li> </ul>	<ul style="list-style-type: none"> <li>• Consumer Homemaking Education 9-12</li> <li>• Occupational Education (FACS) 9-12</li> <li>• A teacher with an Elementary, Early Childhood or Psychology license with proof of 5 years teaching experience</li> </ul>	<ul style="list-style-type: none"> <li>• CTE: Family &amp; Consumer Sciences with high school setting</li> <li>• Workplace Specialist: Early Childhood Education and Services</li> <li>• A teacher with an Elementary, Early Childhood or Psychology license with proof of 5 years teaching experience</li> </ul>	<ul style="list-style-type: none"> <li>• CTE: Family &amp; Consumer Sciences 5-12</li> <li>• Workplace Specialist: Early Childhood Education and Services 9-12</li> <li>• A teacher with an Elementary, Early Childhood or Psychology license with proof of 5 years teaching experience</li> </ul>
Ed Professions	7161	Principles of Teaching	Education and Training	PRIN TEACH	<ul style="list-style-type: none"> <li>• Vocational Home Economics K-12</li> <li>• Any valid teaching license with proof of 5 years teaching experience</li> </ul>	<ul style="list-style-type: none"> <li>• Consumer Homemaking Education 9-12</li> <li>• Occupational Education (FACS) 9-12</li> <li>• Any valid teaching license with proof of 5 years teaching experience</li> </ul>	<ul style="list-style-type: none"> <li>• CTE: Family &amp; Consumer Sciences with high school setting</li> <li>• Any valid teaching license with proof of 5 years teaching experience</li> </ul>	<ul style="list-style-type: none"> <li>• CTE: Family &amp; Consumer Sciences 5-12</li> <li>• Workplace Specialist: Education Professions 9-12</li> <li>• Any valid teaching license with proof of 5 years teaching experience</li> </ul>
Ed Professions	7157	Child and Adolescent Development	Education and Training	CHLD ADL DEV	<ul style="list-style-type: none"> <li>• Vocational Home Economics K-12</li> <li>• Any valid teaching license with proof of 5 years teaching experience</li> </ul>	<ul style="list-style-type: none"> <li>• Consumer Homemaking Education 9-12</li> <li>• Occupational Education (FACS) 9-12</li> <li>• Any valid teaching license with proof of 5 years teaching experience</li> </ul>	<ul style="list-style-type: none"> <li>• CTE: Family &amp; Consumer Sciences with high school setting</li> <li>• Any valid teaching license with proof of 5 years teaching experience</li> </ul>	<ul style="list-style-type: none"> <li>• CTE: Family &amp; Consumer Sciences 5-12</li> <li>• Workplace Specialist: Education Professions 9-12</li> <li>• Any valid teaching license with proof of 5 years teaching experience</li> </ul>
Ed Professions	7162	Teaching and Learning	Education and Training	TEACH LRN	<ul style="list-style-type: none"> <li>• Vocational Home Economics K-12</li> <li>• Any valid teaching license with proof of 5 years teaching experience</li> </ul>	<ul style="list-style-type: none"> <li>• Consumer Homemaking Education 9-12</li> <li>• Occupational Education (FACS) 9-12</li> <li>• Any valid teaching license with proof of 5 years teaching experience</li> </ul>	<ul style="list-style-type: none"> <li>• CTE: Family &amp; Consumer Sciences with high school setting</li> <li>• Any valid teaching license with proof of 5 years teaching experience</li> </ul>	<ul style="list-style-type: none"> <li>• CTE: Family &amp; Consumer Sciences 5-12</li> <li>• Workplace Specialist: Education Professions 9-12</li> <li>• Any valid teaching license with proof of 5 years teaching experience</li> </ul>
Ed Professions	7267	Education Professions Capstone	Education and Training	ED PROF CAP	<ul style="list-style-type: none"> <li>• Vocational Home Economics K-12</li> <li>• Any valid teaching license with proof of 5 years teaching experience</li> </ul>	<ul style="list-style-type: none"> <li>• Consumer Homemaking Education 9-12</li> <li>• Occupational Education (FACS) 9-12</li> <li>• Any valid teaching license with proof of 5 years teaching experience</li> </ul>	<ul style="list-style-type: none"> <li>• CTE: Family &amp; Consumer Sciences with high school setting</li> <li>• Any valid teaching license with proof of 5 years teaching experience</li> </ul>	<ul style="list-style-type: none"> <li>• CTE: Family &amp; Consumer Sciences 5-12</li> <li>• Workplace Specialist: Education Professions 9-12</li> <li>• Any valid teaching license with proof of 5 years teaching experience</li> </ul>
	6138	Advanced Career & Technical Education, College Credit: Health Science	Health Science	ADV CTE CC HSCI	<ul style="list-style-type: none"> <li>• No License Available</li> </ul>	<ul style="list-style-type: none"> <li>• Any Standard Health Occupations License 9-12</li> <li>• Any Occupational Specialist I, II or III in Health Occupation 9-12</li> </ul>	<ul style="list-style-type: none"> <li>• CTE: Health Occupations with high school setting</li> <li>• Workplace Specialist: Health Careers</li> <li>• MS Dental Careers</li> </ul>	<ul style="list-style-type: none"> <li>• CTE: Health Occupations 5-12</li> <li>• Workplace Specialist: Any Health Careers license 9-12</li> <li>• Workplace Specialist: Dental Careers 9-12</li> </ul>
	5286	Health Science Education II: Special Topics	Health Science	HSE II ST	<ul style="list-style-type: none"> <li>• No License Available</li> </ul>	<ul style="list-style-type: none"> <li>• Any Standard Health Occupations License 9-12</li> <li>• Any Occupational Specialist I, II or III in Health Occupation 9-12</li> </ul>	<ul style="list-style-type: none"> <li>• CTE: Health Occupations with high school setting</li> <li>• Workplace Specialist: Health Careers</li> <li>• Workplace Specialist: Dental Careers</li> </ul>	<ul style="list-style-type: none"> <li>• CTE: Health Occupations 5-12</li> <li>• Workplace Specialist: Any Health Careers license 9-12</li> <li>• Workplace Specialist: Dental Careers 9-12</li> </ul>
	5272	Introduction to Health Science Careers	Health Science	INTRO HS CAREERS	<ul style="list-style-type: none"> <li>• No License Available</li> </ul>	<ul style="list-style-type: none"> <li>• Any Standard Health Occupations License 9-12</li> <li>• Any Occupational Specialist I, II or III in Health Occupation 9-12</li> </ul>	<ul style="list-style-type: none"> <li>• CTE: Health Occupations with high school setting</li> <li>• Workplace Specialist: Health Careers</li> <li>• Workplace Specialist: Dental Careers</li> </ul>	<ul style="list-style-type: none"> <li>• CTE: Health Occupations 5-12</li> <li>• Workplace Specialist: Any Health Careers license 9-12</li> <li>• Workplace Specialist: Dental Careers 9-12</li> </ul>
	5276	Anatomy and Physiology	Health Science	A & P	<ul style="list-style-type: none"> <li>• No License Available</li> </ul>	<ul style="list-style-type: none"> <li>• Any Standard Health Occupations License 9-12</li> <li>• Any Occupational Specialist I, II or III in Health Occupation 9-12</li> </ul>	<ul style="list-style-type: none"> <li>• CTE: Health Occupations with high school setting</li> <li>• Workplace Specialist: Health Careers</li> <li>• Workplace Specialist: Dental Careers</li> </ul>	<ul style="list-style-type: none"> <li>• Life Sciences 5-12</li> <li>• CTE: Health Occupations 5-12</li> <li>• Workplace Specialist: Any Health Careers license 9-12</li> <li>• Workplace Specialist: Dental Careers 9-12</li> </ul>
Biomed	5218	Principles of Biomedical Sciences	Health Science	PRIN BIOMED	<ul style="list-style-type: none"> <li>• No License Available</li> </ul>	<ul style="list-style-type: none"> <li>• Any Standard Health Occupations License 9-12</li> <li>• Any Occupational Specialist I, II or III in Health Occupation</li> <li>• Biology 9-12</li> </ul>	<ul style="list-style-type: none"> <li>• CTE: Health Occupations with high school setting</li> <li>• Workplace Specialist: Health Careers</li> <li>• Life Science with high school setting</li> </ul>	<ul style="list-style-type: none"> <li>• CTE: Health Occupations 5-12</li> <li>• Workplace Specialist: Any Health Science license 9-12</li> <li>• Life Science 5-12</li> </ul>

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
Biomed	5216	Human Body Systems	Health Science	HUMAN SYST	●No License Available	●Any Standard Health Occupations License 9-12 ●Any Occupational Specialist I, II or III in Health Occupation: ●Biology 9-12	●OTE: Health Occupations with high school setting ●Workplace Specialist: Health Careers ●Life Science with high school setting	●OTE: Health Occupations 5-12 ●Workplace Specialist: Any Health Science license 9-12 ●Life Science 5-12
Biomed	5217	Medical Interventions	Health Science	MED INTERV	●No License Available	●Any Standard Health Occupations License 9-12 ●Any Occupational Specialist I, II or III in Health Occupation: ●Biology 9-12	●OTE: Health Occupations with high school setting ●Workplace Specialist: Health Careers ●Life Science with high school setting	●OTE: Health Occupations 5-12 ●Workplace Specialist: Any Health Science license 9-12 ●Life Science 5-12
Biomed	5219	Biomedical Innovations	Health Science	BIO INN	●No License Available	●Any Standard Health Occupations License 9-12 ●Any Occupational Specialist I, II or III in Health Occupation: ●Biology 9-12	●OTE: Health Occupations with high school setting ●Workplace Specialist: Health Careers ●Life Science with high school setting	●OTE: Health Occupations 5-12 ●Workplace Specialist: Any Health Science license 9-12 ●Life Science 5-12
	7168	Principles of Healthcare	Health Science	PRIN HLCR	●No License Available	●Any Standard Health Occupations License 9-12 ●Any Occupational Specialist I, II or III in Health Occupation 9-12	●OTE: Health Occupations with high school setting ●Workplace Specialist: Health Careers	●OTE: Health Occupations 5-12 ●Workplace Specialist: Any Health Careers license 9-12
	5274	Medical Terminology	Health Science	MED TERMS	●No License Available	●Any Standard Health Occupations License 9-12 ●Any Occupational Specialist I, II or III in Health Occupation 9-12	●OTE: Health Occupations with high school setting ●Workplace Specialist: Health Careers ●Workplace Specialist: Dental Careers	●OTE: 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 Science	HC SPEC CAN	●No License Available	● 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	●OTE: Health Occupations with high school setting ● Workplace Specialist: Health Careers	●OTE: Health Occupations 5-12 ●Workplace Specialist: Health Science – Nursing 9-12
Medical Asst	7164	Certified Clinical Medical Assistant (CCMA)	Health Science	CERT CL MED AST	●No License Available	●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	●OTE: Health Occupations with high school setting ●Workplace Specialist: Health Careers	●OTE: Health Occupations 5-12 ●Workplace Specialist: Health Science – Nursing 9-12
EMT	7165	Emergency Medical Tech	Health Science	EMT	●No License Available	● Any Standard Health Occupations License 9-12 ● Any Occupational Specialist I, II or III in Health Occupation: First Responder 9-12	●OTE: Health Occupations with high school setting ●Workplace Specialist: Health Careers	●OTE: Health Occupations 5-12 ●Workplace Specialist: Health Science – Emergency Medical Services 9-12
Pre Nursing	7255	Healthcare Specialist Capstone	Health Science	HC SPEC CAP	●No License Available	● Any Standard Health Occupations License 9-12 ● Any Occupational Specialist I, II or III in Health Occupation: First Responder 9-12	●OTE: Health Occupations with high school setting ●Workplace Specialist: Health Careers	●OTE: Health Occupations 5-12 ●Workplace Specialist: Health Science – Emergency Medical Services 9-12
Cent Serv Tech	7163	Central Service Technician Fundamentals	Health Science	CEN SER TEC FUN	●No License Available	● 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	●OTE: Health Occupations with high school setting ●Workplace Specialist: Health Careers	●OTE: Health Occupations 5-12 ● Workplace Specialist: Health Science – Nursing 9-12 ● Workplace Specialist: Central Service Technician (Medical) 9-12
Cent Serv Tech	7257	Central Service Technician Capstone	Health Science	CENT SRV TECH CAP	●No License Available	● 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	●OTE: Health Occupations with high school setting ●Workplace Specialist: Health Careers	●OTE: Health Occupations 5-12 ● Workplace Specialist: Health Science – Nursing 9-12 ● Workplace Specialist: Central Service Technician (Medical) 9-12
Pharm Tech	7167	Pharmacy Tech	Health Science	PHARM TECH	●No License Available	● Any Standard Health Occupations License 9-12 ● Any Occupational Specialist I, II or III in Health Occupation 9-12	●OTE: Health Occupations with high school setting ●Workplace Specialist: Health Careers	●OTE: Health Occupations 5-12 ●Workplace Specialist: Health Science – Pharmacy 9-12
Pharm Tech	7310	Pharmacy Capstone	Health Science	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	●OTE: Health Occupations with high school setting ● Workplace Specialist: Health Careers	●OTE: Health Occupations 5-12 ●Workplace Specialist: Health Science – Pharmacy 9-12
Dental Careers	7315	Principles of Dental Careers	Health Science	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	●OTE: Health Occupations with high school setting ● Workplace Specialist: Dental Assisting	●OTE: Health Occupations 5-12 ● Workplace Specialist: Dental 9-12

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
Dental Careers	7316	Dental Careers Fundamentals	Health Science	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 Science	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 Science	DENT CAR 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: Dental Assisting	• CTE: Health Occupations 5-12 • Workplace Specialist: Dental 9-12
Human Performance / Physical Therapy	7320	Principles of Exercise Science	Health Science	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: Athletic Training 5-12 • Workplace Specialist: Health Science – Athletic Training 9-12 • Workplace Specialist: Physical Therapy 9-12
Human Performance / Physical Therapy	7321	Kinesiology	Health Science	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: Athletic Training 5-12 • Workplace Specialist: Health Science – Athletic Training 9-12 • Workplace Specialist: Physical Therapy 9-12
Human Performance / Physical Therapy	7322	Human Performance	Health Science	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: Athletic Training 5-12 • Workplace Specialist: Health Science – Athletic Training 9-12 • Workplace Specialist: Physical Therapy 9-12
Human Performance / Physical Therapy	7323	Physical Therapy Capstone	Health Science	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
Human Performance / Physical Therapy	7324	Fitness Management Capstone	Health Science	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: Athletic Training 5-12 • Workplace Specialist: Health Science – Athletic Training 9-12 • Workplace Specialist: Physical Therapy 9-12
	6120	Advanced Career & Technical Education, College Credit: Hospitality and Human Services	Hospitality and Tourism	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 and Tourism	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 and Tourism	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 and Tourism	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
	7171	Nutrition	Hospitality and Tourism	NUTR	• 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
Culinary	7169	Culinary Arts	Hospitality and Tourism	CUL ARTS	• Home Economics K-12	• Occupational Education (FACS) 9-12 • Occupational Vocational 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
Culinary	7235	Baking and Pastry Capstone	Hospitality and Tourism	BAKE PSTRY CAP	●Home Economics K-12	● Occupational Education (FACS) 9-12 ● Occupational Vocational 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
Culinary	7233	Culinary Arts Capstone	Hospitality and Tourism	CUL ARTS CAP	●Home Economics K-12	● Occupational Education (FACS) 9-12 ● Occupational Vocational 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
Hospitality	7172	Hospitality Management	Hospitality and Tourism	HOSP MAN	●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: Lodging Management ●Workplace Specialist: Culinary Arts & Food Service Management Occupations ●Workplace Specialist: Precision Food Production	●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	7237	Hospitality Management Capstone	Hospitality and Tourism	HOSP MGMT CAP	●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: Lodging Management ●Workplace Specialist: Culinary Arts & Food Service Management Occupations ●Workplace Specialist: Precision Food Production	●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 Sci	7170	Nutrition Planning and Therapy	Hospitality and Tourism	NUTR PL TRPY	●Vocational Home Economics K-12	●Occupational Education (FACS) 9-12	●CTE: Family & Consumer Sciences with high school setting	● CTE: Family & Consumer Sciences 5-12 ● Workplace Specialist: Nutrition Science 9-12
Nutrition Sci	7239	Nutrition Science Capstone	Hospitality and Tourism	NUT SCI CAP	●Vocational Home Economics K-12	●Occupational Education (FACS) 9-12	●CTE: Family & Consumer Sciences with high school setting	● CTE: Family & Consumer Sciences 5-12 ● Workplace Specialist: Nutrition Science 9-12
	7175	Introduction to Cosmetology and Barbering	Human Services	INT COS BARB	● Standard Trade & Industrial: Cosmetology K-12	● Standard Trade & Industrial: Cosmetology 9-12 ● Occupational Specialist I, II or III: Cosmetology 9-12	● CTE: Trade & Industrial: Cosmetology ● Workplace Specialist: Cosmetology	● CTE: Trade & Industrial Cosmetology 5- 12 ● Workplace Specialist: Cosmetology 9-12
Cosmetology	7330	Principles of Barbering and Cosmetology	Human Services	PRIN COSMO	● Standard Trade & Industrial: Cosmetology K-12	● Standard Trade & Industrial: Cosmetology 9- 12 ● Occupational Specialist I, II or III: Cosmetology 9-12	● CTE: Trade & Industrial: Cosmetology ● Workplace Specialist: Cosmetology	● CTE: Trade & Industrial Cosmetology 5- 12 ● Workplace Specialist: Cosmetology 9-12
Cosmetology	7331	Barbering and Cosmetology Fundamentals	Human Services	COSMO FUND	● Standard Trade & Industrial: Cosmetology K-12	● Standard Trade & Industrial: Cosmetology 9- 12 ● Occupational Specialist I, II or III: Cosmetology 9-12	● CTE: Trade & Industrial: Cosmetology ● Workplace Specialist: Cosmetology	● CTE: Trade & Industrial Cosmetology 5- 12 ● Workplace Specialist: Cosmetology 9-12
Cosmetology	7332	Advanced Cosmetology	Human Services	ADV COSMO	● Standard Trade & Industrial: Cosmetology K-12	● Standard Trade & Industrial: Cosmetology 9- 12 ● Occupational Specialist I, II or III: Cosmetology 9-12	● CTE: Trade & Industrial: Cosmetology ● Workplace Specialist: Cosmetology	● CTE: Trade & Industrial Cosmetology 5- 12 ● Workplace Specialist: Cosmetology 9-12
Cosmetology	7333	Advanced Barbering	Human Services	ADV BARB	● Standard Trade & Industrial: Cosmetology K-12	● Standard Trade & Industrial: Cosmetology 9- 12 ● Occupational Specialist I, II or III: Cosmetology 9-12	● CTE: Trade & Industrial: Cosmetology ● Workplace Specialist: Cosmetology	● CTE: Trade & Industrial Cosmetology 5- 12 ● Workplace Specialist: Cosmetology 9-12
Cosmetology	7334	Barbering and Cosmetology Capstone	Human Services	COSMO CAP	● Standard Trade & Industrial: Cosmetology K-12	● Standard Trade & Industrial: Cosmetology 9- 12 ● Occupational Specialist I, II or III: Cosmetology 9-12	● CTE: Trade & Industrial: Cosmetology ● Workplace Specialist: Cosmetology	● CTE: Trade & Industrial Cosmetology 5- 12 ● Workplace Specialist: Cosmetology 9-12
Human and Soc Services	7176	Principles of Human Services	Human Services	PRIN HUM SERV	●Any Home Economics K-12	●Consumer Homemaking Education 9-12 ●Occupational Education (FACS) 9-12	●CTE: Family & Consumer Sciences with high school setting ●Workplace Specialist: Human and Social Services	●CTE: Family & Consumer Sciences 5-12 ●Workplace Specialist: Human and Social Services
Human and Soc Services	7174	Understanding Diversity	Human Services	UND DIV	●Any Home Economics K-12	●Consumer Homemaking Education 9-12 ●Occupational Education (FACS) 9-12	●CTE: Family & Consumer Sciences with high school setting ●Workplace Specialist: Human and Social Services	●CTE: Family & Consumer Sciences 5-12 ●Workplace Specialist: Human and Social Services
Human and Soc Services	7177	Relationships and Emotions	Human Services	REL EMO	●Any Home Economics K-12	●Consumer Homemaking Education 9-12 ●Occupational Education (FACS) 9-12	●CTE: Family & Consumer Sciences with high school setting ●Workplace Specialist: Human and Social Services	●CTE: Family & Consumer Sciences 5-12 ●Workplace Specialist: Human and Social Services
Human and Soc Services	7241	Human Services Capstone	Human Services	HUM SRV CAP	●Any Home Economics K-12	●Consumer Homemaking Education 9-12 ●Occupational Education (FACS) 9-12	●CTE: Family & Consumer Sciences with high school setting ●Workplace Specialist: Human and Social Services	●CTE: Family & Consumer Sciences 5-12 ●Workplace Specialist: Human and Social Services

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
	6022	Advanced Career & Technical Education, College Credit: Information Technology	Information Technology	ADV CTE CC IT	<ul style="list-style-type: none"> <li>Industrial Arts 7-12, K12</li> <li>Appropriate Vocational License</li> </ul>	<ul style="list-style-type: none"> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> <li>Appropriate Vocational license</li> <li>Occupational Specialist in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education with high school setting</li> <li>Appropriate CTE License with high school setting</li> <li>Workplace Specialist in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education 5-12</li> <li>Appropriate CTE License 5-12</li> <li>Workplace Specialist in related course approved for a CTE Pathway</li> </ul>
	4578	Information Technology: Special Topics	Information Technology	IT ST	<ul style="list-style-type: none"> <li>Industrial Arts 7-12, K12</li> <li>Appropriate Vocational License</li> </ul>	<ul style="list-style-type: none"> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> <li>Appropriate Vocational license</li> <li>Occupational Specialist in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education with high school setting</li> <li>Appropriate CTE License with high school setting</li> <li>Workplace Specialist in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education 5-12</li> <li>Appropriate CTE License 5-12</li> <li>Workplace Specialist in related course approved for a CTE Pathway</li> </ul>
	4528	Digital Applications and Responsibility	Information Technology	DIG APPS RESP	<ul style="list-style-type: none"> <li>Business Education 7-12</li> </ul>	<ul style="list-style-type: none"> <li>Business Education 9-12</li> <li>Business Education with Vocational Endorsement 9-12</li> </ul>	<ul style="list-style-type: none"> <li>Business with high school setting</li> <li>Computer Education with high school setting</li> <li>CTE: Business Services &amp; Technology with high school setting</li> </ul>	<ul style="list-style-type: none"> <li>Computer Education 5-12, P-12</li> <li>Computer Science 5-12, P-12</li> <li>Business 5-12</li> <li>CTE: Business Services &amp; Technology 5-12</li> <li>CTE: Business &amp; Information Technology 5-12</li> <li>Workplace Specialist: Interactive Media 9-12</li> <li>Workplace Specialist: Graphic Imaging Technology 9-12</li> <li>Workplace Specialist: Computer Illustration &amp; Graphics 9-12</li> <li>Workplace Specialist: Graphic Design and Layout 9-12</li> </ul>
	4528	Applied Digital Applications and Responsibility	Information Technology	DIG APPS RESP	<ul style="list-style-type: none"> <li>Business Education 7-12</li> </ul>	<ul style="list-style-type: none"> <li>Business Education 9-12</li> <li>Business Education with Vocational Endorsement 9-12</li> </ul>	<ul style="list-style-type: none"> <li>Business with high school setting</li> <li>Computer Education with high school setting</li> <li>CTE: Business Services &amp; Technology with high school setting</li> </ul>	<ul style="list-style-type: none"> <li>Computer Education 5-12, P-12</li> <li>Computer Science 5-12, P-12</li> <li>Business 5-12</li> <li>CTE: Business Services &amp; Technology 5-12</li> <li>CTE: Business &amp; Information Technology 5-12</li> <li>Workplace Specialist: Interactive Media 9-12</li> <li>Workplace Specialist: Graphic Imaging Technology 9-12</li> <li>Workplace Specialist: Computer Illustration &amp; Graphics 9-12</li> <li>Workplace Specialist: Graphic Design and Layout 9-12</li> </ul>
	7396	Advanced Digital Skills Capstone	Information Technology	DIG SKILL CAP	<ul style="list-style-type: none"> <li>Business Education with Vocational Business Endorsement 7-12</li> </ul>	<ul style="list-style-type: none"> <li>Business Education with Vocational Business Endorsement 9-12</li> <li>Occupational Specialist: Business IT: Interactive Media 9-12</li> </ul>	<ul style="list-style-type: none"> <li>Computer Education 5-12, P-12</li> <li>Computer Science 5-12, P-12</li> <li>CTE: Business Services &amp; Technology with high school setting</li> <li>Workplace Specialist: Business IT: Interactive Media</li> <li>CTE: Trade &amp; Industrial: 3D Computer Animation &amp; Visualization</li> <li>Business with high school setting</li> <li>Workplace Specialist: 3D Computer Animation &amp; Visualization</li> <li>Workplace Specialist: Interactive Media</li> <li>Workplace Specialist: Graphic Imaging Technology</li> <li>CTE: Trade &amp; Industrial Photography 5-12</li> <li>Workplace Specialist: Commercial Photography 9-12</li> </ul>	<ul style="list-style-type: none"> <li>Computer Education 5-12, P-12</li> <li>Computer Science 5-12, P-12</li> <li>Business 5-12</li> <li>CTE: Business Services &amp; Technology 5-12</li> <li>CTE: Business &amp; Information Technology 5-12</li> <li>Workplace Specialist: Interactive Media 9-12</li> <li>Workplace Specialist: Graphic Imaging Technology 9-12</li> <li>Workplace Specialist: Computer Illustration &amp; Graphics 9-12</li> <li>Workplace Specialist: Graphic Design and Layout 9-12</li> </ul>
	5252	Computer Science: Special Topics	STEM	CS III SP TOP	<ul style="list-style-type: none"> <li>Must have an approved Non-Standard Course Waiver to use this course. Licensing is determined during the waiver process.</li> </ul>	<ul style="list-style-type: none"> <li>Must have an approved Non-Standard Course Waiver to use this course. Licensing is determined during the waiver process.</li> </ul>	<ul style="list-style-type: none"> <li>Must have an approved Non-Standard Course Waiver to use this course. Licensing is determined during the waiver process.</li> </ul>	<ul style="list-style-type: none"> <li>Must have an approved Non-Standard Course Waiver to use this course. Licensing is determined during the waiver process.</li> </ul>

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
	4803	Introduction to Computer Science	STEM	INTO CS	<ul style="list-style-type: none"> <li>● Business Education 7-12</li> <li>● Industrial Arts, Math or Science with Professional Development or additional training in Computer Science</li> </ul>	<ul style="list-style-type: none"> <li>● Business Education 9-12</li> <li>● Business Education with Vocational Endorsement 9-12</li> <li>● Occupational Specialist: Business IT: Programming &amp; Software Development 9-12</li> <li>● Occupational Specialist in "Computer Science" related course approved for a CTE pathway</li> <li>● Industrial Technology/Education, Math or Science with Professional Development or additional training in Computer Science</li> </ul>	<ul style="list-style-type: none"> <li>● Business with high school setting</li> <li>● Computer Education with high school setting</li> <li>● CTE: Business Services &amp; Technology with high school setting</li> <li>● Workplace Specialist: Business IT: Programming &amp; Software Development</li> <li>● Workplace Specialist in "Computer Science" related course approved for a CTE pathway</li> <li>● Technology Education, Math or Science with Professional Development or additional training in Computer Science</li> </ul>	<ul style="list-style-type: none"> <li>● Computer Education 5-12, P-12</li> <li>● Computer Science 5-12, P-12</li> <li>● Business 5-12</li> <li>● CTE: Business Services &amp; Technology 5-12</li> <li>● CTE: Business &amp; Information Technology 5-12</li> <li>● Workplace Specialist in related "Computer Science" course approved for a CTE pathway</li> <li>● Technology Education, Math or Science with Professional Development or additional training in Computer Science</li> </ul>
	7183	Principles of Computing	Information Technology	PRIN COMP INFO	<ul style="list-style-type: none"> <li>● Business Education 7-12</li> <li>● Industrial Arts, Math or Science with Professional Development or additional training in Computer Science</li> </ul>	<ul style="list-style-type: none"> <li>● Business Education 9-12</li> <li>● Business Education with Vocational Endorsement 9-12</li> <li>● Occupational Specialist: Business IT: Programming &amp; Software Development 9-12</li> <li>● Occupational Specialist in "Computer Science" related course approved for a CTE pathway</li> <li>● Industrial Technology/Education, Math or Science with Professional Development or additional training in Computer Science</li> </ul>	<ul style="list-style-type: none"> <li>● Business with high school setting</li> <li>● Computer Education with high school setting</li> <li>● CTE: Business Services &amp; Technology with high school setting</li> <li>● Workplace Specialist: Business IT: Programming &amp; Software Development</li> <li>● Workplace Specialist in "Computer Science" related course approved for a CTE pathway</li> <li>● Technology Education, Math or Science with Professional Development or additional training in Computer Science</li> </ul>	<ul style="list-style-type: none"> <li>● Computer Education 5-12, P-12</li> <li>● Computer Science 5-12, P-12</li> <li>● Business 5-12</li> <li>● CTE: Business Services &amp; Technology 5-12</li> <li>● CTE: Business &amp; Information Technology 5-12</li> <li>● Workplace Specialist in related "Computer Science" course approved for a CTE pathway</li> <li>● Technology Education, Math or Science with Professional Development or additional training in Computer Science</li> </ul>
IT Operations	7180	Information Technology Fundamentals	Information Technology	INFO TECH FUN	<ul style="list-style-type: none"> <li>● Business Education 7-12</li> </ul>	<ul style="list-style-type: none"> <li>● Business Education 9-12</li> <li>● Business Education with Vocational Endorsement 9-12</li> <li>● Occupational Specialist: Business IT: Programming &amp; Software Development 9-12</li> </ul>	<ul style="list-style-type: none"> <li>● Business with high school setting</li> <li>● Computer Education with high school setting</li> <li>● CTE: Business Services &amp; Technology with high school setting</li> <li>● Workplace Specialist: Computer Operations &amp; Programming: Management Info Systems</li> <li>● Workplace Specialist: Information Technology: Information Support &amp; Services</li> </ul>	<ul style="list-style-type: none"> <li>● Computer Education 5-12, P-12</li> <li>● Computer Science 5-12, P-12</li> <li>● Business 5-12</li> <li>● CTE: Business Services &amp; Technology 5-12</li> <li>● CTE: Business &amp; Information Technology 5-12</li> <li>● Workplace Specialist: Computer Science 9-12</li> <li>● Workplace Specialist: Information Technology: Information Support &amp; Services 9-12</li> </ul>
IT Operations	7181	Networking and Cybersecurity Operations	Information Technology	INFO TEC SUP SER	<ul style="list-style-type: none"> <li>● Business Education 7-12</li> </ul>	<ul style="list-style-type: none"> <li>● Business Education 9-12</li> <li>● Business Education with Vocational Endorsement 9-12</li> <li>● Occupational Specialist: Business IT: Programming &amp; Software Development 9-12</li> </ul>	<ul style="list-style-type: none"> <li>● Business with high school setting</li> <li>● Computer Education with high school setting</li> <li>● CTE: Business Services &amp; Technology with high school setting</li> <li>● Workplace Specialist: Computer Operations &amp; Programming: Management Info Systems</li> <li>● Workplace Specialist: Information Technology: Information Support &amp; Services</li> </ul>	<ul style="list-style-type: none"> <li>● Computer Education 5-12, P-12</li> <li>● Computer Science 5-12, P-12</li> <li>● Business 5-12</li> <li>● CTE: Business Services &amp; Technology 5-12</li> <li>● CTE: Business &amp; Information Technology 5-12</li> <li>● Workplace Specialist: Computer Science 9-12</li> <li>● Workplace Specialist: Information Technology: Information Support &amp; Services 9-12</li> </ul>
IT Operations: Cybersecurity	7249	IT Operations: Cybersecurity Operations Capstone	Information Technology	CYBER OPER CAP	<ul style="list-style-type: none"> <li>● Business Education 7-12</li> </ul>	<ul style="list-style-type: none"> <li>● Business Education 9-12</li> <li>● Business Education with Vocational Endorsement 9-12</li> <li>● Occupational Specialist: Business IT: Programming &amp; Software Development 9-12</li> </ul>	<ul style="list-style-type: none"> <li>● Business with high school setting</li> <li>● Computer Education with high school setting</li> <li>● CTE: Business Services &amp; Technology with high school setting</li> <li>● Workplace Specialist: Information Support &amp; Services</li> </ul>	<ul style="list-style-type: none"> <li>● Computer Education 5-12, P-12</li> <li>● Computer Science 5-12, P-12</li> <li>● Business 5-12</li> <li>● CTE: Business Services &amp; Technology 5-12</li> <li>● CTE: Business &amp; Information Technology 5-12</li> <li>● Workplace Specialist: Computer Science 9-12</li> <li>● Workplace Specialist: Cybersecurity 9-12</li> </ul>
IT Operations: Support	7245	IT Operations: IT Support Capstone	Information Technology	IT SUPP CAP	<ul style="list-style-type: none"> <li>● Business Education 7-12</li> </ul>	<ul style="list-style-type: none"> <li>● Business Education 9-12</li> <li>● Business Education with Vocational Endorsement 9-12</li> <li>● Occupational Specialist: Business IT: Programming &amp; Software Development 9-12</li> </ul>	<ul style="list-style-type: none"> <li>● Business with high school setting</li> <li>● Computer Education with high school setting</li> <li>● CTE: Business Services &amp; Technology with high school setting</li> <li>● Workplace Specialist: Computer Operations &amp; Programming: Management Info Systems</li> <li>● Workplace Specialist: Information Technology: Information Support &amp; Services</li> </ul>	<ul style="list-style-type: none"> <li>● Computer Education 5-12, P-12</li> <li>● Computer Science 5-12, P-12</li> <li>● Business 5-12</li> <li>● CTE: Business Services &amp; Technology 5-12</li> <li>● CTE: Business &amp; Information Technology 5-12</li> <li>● Workplace Specialist: Computer Science 9-12</li> <li>● Workplace Specialist: Information Technology: Information Support &amp; Services 9-12</li> </ul>

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
IT Operations: Informatics	7247	IT Operations: Cloud and Server Operations Capstone	Information Technology	CLD SRV OPER CAP	<ul style="list-style-type: none"> <li>●Business Education 7-12</li> </ul>	<ul style="list-style-type: none"> <li>●Business Education 9-12</li> <li>●Business Education with Vocational Endorsement 9-12</li> <li>●Occupational Specialist: Business IT: Programming &amp; Software Development 9-12</li> </ul>	<ul style="list-style-type: none"> <li>●Business with high school setting</li> <li>●Computer Education with high school setting</li> <li>●TE: Business Services &amp; Technology with high school setting</li> <li>●Workplace Specialist: Computer Operations &amp; Programming: Management Info Systems</li> <li>●Workplace Specialist: Information Technology: Information Support &amp; Services</li> </ul>	<ul style="list-style-type: none"> <li>●Computer Education 5-12, P-12</li> <li>●Computer Science 5-12, P-12</li> <li>●Business 5-12</li> <li>●TE: Business Services &amp; Technology 5-12</li> <li>●TE: Business &amp; Information Technology 5-12</li> <li>●Workplace Specialist: Computer Science 9-12</li> <li>●Workplace Specialist: Information Technology: Information Support &amp; Services 9-12</li> </ul>
Networking	7182	Networking Fundamentals	Information Technology	NTWK FUN	<ul style="list-style-type: none"> <li>●Business Education 7-12</li> </ul>	<ul style="list-style-type: none"> <li>●Business Education 9-12</li> <li>●Business Education with Vocational Endorsement 9-12</li> <li>●Occupational Specialist: Business IT: Programming &amp; Software Development 9-12</li> </ul>	<ul style="list-style-type: none"> <li>●Business with high school setting</li> <li>●Computer Education with high school setting</li> <li>●TE: Business Services &amp; Technology with high school setting</li> <li>●Workplace Specialist: Computer Operations &amp; Programming: Management Info Systems</li> <li>●Workplace Specialist: Information Technology: Information Support &amp; Services</li> </ul>	<ul style="list-style-type: none"> <li>●Computer Education 5-12, P-12</li> <li>●Computer Science 5-12, P-12</li> <li>●Business 5-12</li> <li>●TE: Business Services &amp; Technology 5-12</li> <li>●TE: Business &amp; Information Technology 5-12</li> <li>●Workplace Specialist: Computer Science 9-12</li> <li>●Workplace Specialist: Information Technology: Information Support &amp; Services 9-12</li> </ul>
Networking	7251	Networking Capstone	Information Technology	NETWK CAP	<ul style="list-style-type: none"> <li>●Business Education 7-12</li> </ul>	<ul style="list-style-type: none"> <li>●Business Education 9-12</li> <li>●Business Education with Vocational Endorsement 9-12</li> <li>●Occupational Specialist: Business IT: Programming &amp; Software Development 9-12</li> </ul>	<ul style="list-style-type: none"> <li>●Business with high school setting</li> <li>●Computer Education with high school setting</li> <li>●TE: Business Services &amp; Technology with high school setting</li> <li>●Workplace Specialist: Computer Operations &amp; Programming: Management Info Systems</li> <li>●Workplace Specialist: Information Technology: Information Support &amp; Services</li> </ul>	<ul style="list-style-type: none"> <li>●Computer Education 5-12, P-12</li> <li>●Computer Science 5-12, P-12</li> <li>●Business 5-12</li> <li>●TE: Business Services &amp; Technology 5-12</li> <li>●TE: Business &amp; Information Technology 5-12</li> <li>●Workplace Specialist: Computer Science 9-12</li> <li>●Workplace Specialist: Information Technology: Information Support &amp; Services 9-12</li> </ul>
Cyber	7179	Cybersecurity Fundamentals	Information Technology	CYBSEC FUN	<ul style="list-style-type: none"> <li>●Business Education 7-12</li> </ul>	<ul style="list-style-type: none"> <li>●Business Education 9-12</li> <li>●Business Education with Vocational Endorsement 9-12</li> <li>●Occupational Specialist: Business IT: Programming &amp; Software Development 9-12</li> </ul>	<ul style="list-style-type: none"> <li>●Business with high school setting</li> <li>●Computer Education with high school setting</li> <li>●TE: Business Services &amp; Technology with high school setting</li> <li>●Workplace Specialist: Information Support &amp; Services</li> </ul>	<ul style="list-style-type: none"> <li>●Computer Education 5-12, P-12</li> <li>●Computer Science 5-12, P-12</li> <li>●Business 5-12</li> <li>●TE: Business Services &amp; Technology 5-12</li> <li>●TE: Business &amp; Information Technology 5-12</li> <li>●Workplace Specialist: Computer Science 9-12</li> <li>●Workplace Specialist: Cybersecurity 9-12</li> </ul>
Cyber	7178	Advanced Cybersecurity	Information Technology	ADV CYBSEC	<ul style="list-style-type: none"> <li>●Business Education 7-12</li> </ul>	<ul style="list-style-type: none"> <li>●Business Education 9-12</li> <li>●Business Education with Vocational Endorsement 9-12</li> <li>●Occupational Specialist: Business IT: Programming &amp; Software Development 9-12</li> </ul>	<ul style="list-style-type: none"> <li>●Business with high school setting</li> <li>●Computer Education with high school setting</li> <li>●TE: Business Services &amp; Technology with high school setting</li> <li>●Workplace Specialist: Information Support &amp; Services</li> </ul>	<ul style="list-style-type: none"> <li>●Computer Education 5-12, P-12</li> <li>●Computer Science 5-12, P-12</li> <li>●Business 5-12</li> <li>●TE: Business Services &amp; Technology 5-12</li> <li>●TE: Business &amp; Information Technology 5-12</li> <li>●Workplace Specialist: Computer Science 9-12</li> <li>●Workplace Specialist: Cybersecurity 9-12</li> </ul>
Cyber	7243	Cybersecurity Capstone	Information Technology	CYBER CAP	<ul style="list-style-type: none"> <li>●Business Education 7-12</li> </ul>	<ul style="list-style-type: none"> <li>●Business Education 9-12</li> <li>●Business Education with Vocational Endorsement 9-12</li> <li>●Occupational Specialist: Business IT: Programming &amp; Software Development 9-12</li> </ul>	<ul style="list-style-type: none"> <li>●Business with high school setting</li> <li>●Computer Education with high school setting</li> <li>●TE: Business Services &amp; Technology with high school setting</li> <li>●Workplace Specialist: Information Support &amp; Services</li> </ul>	<ul style="list-style-type: none"> <li>●Computer Education 5-12, P-12</li> <li>●Computer Science 5-12, P-12</li> <li>●Business 5-12</li> <li>●TE: Business Services &amp; Technology 5-12</li> <li>●TE: Business &amp; Information Technology 5-12</li> <li>●Workplace Specialist: Computer Science 9-12</li> <li>●Workplace Specialist: Cybersecurity 9-12</li> </ul>
Software Dev	7185	Website and Database Development	Information Technology	WEB DATA DEV	<ul style="list-style-type: none"> <li>●Business Education 7-12</li> </ul>	<ul style="list-style-type: none"> <li>●Business Education 9-12</li> <li>●Business Education with Vocational Endorsement 9-12</li> <li>●Occupational Specialist: Business IT: Programming &amp; Software Development 9-12</li> </ul>	<ul style="list-style-type: none"> <li>●Business with high school setting</li> <li>●Computer Education with high school setting</li> <li>●TE: Business Services &amp; Technology with high school setting</li> <li>●Workplace Specialist: Business IT: Programming &amp; Software Development &amp; Network Systems</li> </ul>	<ul style="list-style-type: none"> <li>●Computer Education 5-12, P-12</li> <li>●Computer Science 5-12, P-12</li> <li>●Business 5-12</li> <li>●TE: Business Services &amp; Technology 5-12</li> <li>●TE: Business &amp; Information Technology 5-12</li> <li>●Workplace Specialist: Computer Science 9-12</li> <li>●Workplace Specialist: Networking 9-12</li> <li>●Workplace Specialist: Info Technology: Program &amp; Software Development 9-12</li> </ul>

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
Software Dev	7184	Software Development	Information Technology	SOFT DEV	<ul style="list-style-type: none"> <li>● Business Education 7-12</li> </ul>	<ul style="list-style-type: none"> <li>● Business Education 9-12</li> <li>● Business Education with Vocational Endorsement 9-12</li> <li>● Occupational Specialist: Business IT: Programming &amp; Software Development 9-12</li> </ul>	<ul style="list-style-type: none"> <li>● Business with high school setting</li> <li>● Computer Education with high school setting</li> <li>● CTE: Business Services &amp; Technology with high school setting</li> <li>● Workplace Specialist: Business IT: Programming &amp; Software Development &amp; Network Systems</li> </ul>	<ul style="list-style-type: none"> <li>● Computer Education 5-12, P-12</li> <li>● Computer Science 5-12, P-12</li> <li>● Business 5-12</li> <li>● CTE: Business Services &amp; Technology 5-12</li> <li>● CTE: Business &amp; Information Technology 5-12</li> <li>● Workplace Specialist: Computer Science 9-12</li> <li>● Workplace Specialist: Networking 9-12</li> <li>● Workplace Specialist: Info Technology: Program &amp; Software Development 9-12</li> </ul>
Software Dev	7253	Software Development Capstone	Information Technology	SW DEV CAP	<ul style="list-style-type: none"> <li>● Business Education 7-12</li> </ul>	<ul style="list-style-type: none"> <li>● Business Education 9-12</li> <li>● Business Education with Vocational Endorsement 9-12</li> <li>● Occupational Specialist: Business IT: Programming &amp; Software Development 9-12</li> </ul>	<ul style="list-style-type: none"> <li>● Business with high school setting</li> <li>● Computer Education with high school setting</li> <li>● CTE: Business Services &amp; Technology with high school setting</li> <li>● Workplace Specialist: Business IT: Programming &amp; Software Development &amp; Network Systems</li> </ul>	<ul style="list-style-type: none"> <li>● Computer Education 5-12, P-12</li> <li>● Computer Science 5-12, P-12</li> <li>● Business 5-12</li> <li>● CTE: Business Services &amp; Technology 5-12</li> <li>● CTE: Business &amp; Information Technology 5-12</li> <li>● Workplace Specialist: Computer Science 9-12</li> <li>● Workplace Specialist: Networking 9-12</li> <li>● Workplace Specialist: Info Technology: Program &amp; Software Development 9-12</li> </ul>
Computer Science	7351	Topics in Computer Science	Information Technology	TOP COMP SCI	<ul style="list-style-type: none"> <li>● Business Education 7-12</li> <li>● Industrial Arts, Math or Science with Professional Development or additional training in Computer Science</li> </ul>	<ul style="list-style-type: none"> <li>● Business Education 9-12</li> <li>● Business Education with Vocational Endorsement 9-12</li> <li>● Occupational Specialist: Business IT: Programming &amp; Software Development 9-12</li> <li>● Occupational Specialist in "Computer Science" related course approved for a CTE pathway</li> <li>● Industrial Technology/Education, Math or Science with Professional Development or additional training in Computer Science</li> </ul>	<ul style="list-style-type: none"> <li>● Business with high school setting</li> <li>● Computer Education with high school setting</li> <li>● CTE: Business Services &amp; Technology with high school setting</li> <li>● Workplace Specialist: Business IT: Programming &amp; Software Development</li> <li>● Workplace Specialist in "Computer Science" related course approved for a CTE pathway</li> <li>● Technology Education, Math or Science with Professional Development or additional training in Computer Science</li> </ul>	<ul style="list-style-type: none"> <li>● Computer Education 5-12, P-12</li> <li>● Computer Science 5-12, P-12</li> <li>● Business 5-12</li> <li>● CTE: Business Services &amp; Technology 5-12</li> <li>● CTE: Business &amp; Information Technology 5-12</li> <li>● Workplace Specialist in related "Computer Science" course approved for a CTE pathway</li> <li>● Technology Education, Math or Science with Professional Development or additional training in Computer Science</li> </ul>
Computer Science	7352	Computer Science	Information Technology	COMP SCI	<ul style="list-style-type: none"> <li>● Business Education 7-12</li> <li>● Industrial Arts, Math or Science with Professional Development or additional training in Computer Science</li> </ul>	<ul style="list-style-type: none"> <li>● Business Education 9-12</li> <li>● Business Education with Vocational Endorsement 9-12</li> <li>● Occupational Specialist: Business IT: Programming &amp; Software Development 9-12</li> <li>● Industrial Technology/Education, Math or Science with Professional Development or additional training in Computer Science</li> </ul>	<ul style="list-style-type: none"> <li>● Business with high school setting</li> <li>● Computer Education with high school setting</li> <li>● CTE: Business Services &amp; Technology with high school setting</li> <li>● Workplace Specialist: Business IT: Programming &amp; Software Development</li> <li>● Technology Education, Math or Science with Professional Development or additional training in Computer Science</li> </ul>	<ul style="list-style-type: none"> <li>● Computer Education 5-12, P-12</li> <li>● Computer Science 5-12, P-12</li> <li>● Business 5-12</li> <li>● CTE: Business Services &amp; Technology 5-12</li> <li>● CTE: Business &amp; Information Technology 5-12</li> <li>● Workplace Specialist: Computer Science 9-12</li> <li>● Technology Education, Math or Science with Professional Development or additional training in Computer Science</li> </ul>
Computer Science	7353	Computer Science Capstone	Information Technology	COMP SCI CAP	<ul style="list-style-type: none"> <li>● Business Education 7-12</li> <li>● Industrial Arts, Math or Science with Professional Development or additional training in Computer Science</li> </ul>	<ul style="list-style-type: none"> <li>● Business Education 9-12</li> <li>● Business Education with Vocational Endorsement 9-12</li> <li>● Occupational Specialist: Business IT: Programming &amp; Software Development 9-12</li> <li>● Industrial Technology/Education, Math or Science with Professional Development or additional training in Computer Science</li> </ul>	<ul style="list-style-type: none"> <li>● Business with high school setting</li> <li>● Computer Education with high school setting</li> <li>● CTE: Business Services &amp; Technology with high school setting</li> <li>● Workplace Specialist: Business IT: Programming &amp; Software Development</li> <li>● Technology Education, Math or Science with Professional Development or additional training in Computer Science</li> </ul>	<ul style="list-style-type: none"> <li>● Computer Education 5-12, P-12</li> <li>● Computer Science 5-12, P-12</li> <li>● Business 5-12</li> <li>● CTE: Business Services &amp; Technology 5-12</li> <li>● CTE: Business &amp; Information Technology 5-12</li> <li>● Workplace Specialist: Computer Science 9-12</li> <li>● Technology Education, Math or Science with Professional Development or additional training in Computer Science</li> </ul>

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
	6136	Advanced Career & Technical Education, College Credit: Public Safety	Law and Public Safety	ADV CTE CC PS	<ul style="list-style-type: none"> <li>• Appropriate Vocational license</li> <li>• Standard Trade &amp; Industrial: Fireman Training K-12</li> <li>• Standard Trade &amp; Industrial: Law Enforcement Training K-12</li> </ul>	<ul style="list-style-type: none"> <li>• Appropriate Vocational license</li> <li>• Standard Trade &amp; Industrial: Fireman Training 9-12</li> <li>• Occupational Specialist I, II or III: Fireman Training 9-12</li> <li>• Standard Trade &amp; Industrial: Law Enforcement Training 9-12</li> <li>• Occupational Specialist I, II or III: Law Enforcement Training 9-12</li> </ul>	<ul style="list-style-type: none"> <li>• Appropriate CTE license</li> <li>• CTE: Trade &amp; Industrial: Fire Science</li> <li>• Workplace Specialist: Fire Science</li> <li>• Workplace Specialist: First Responder</li> <li>• CTE: Trade &amp; Industrial: Law Enforcement Training</li> <li>• Workplace Specialist: Law Enforcement Training</li> </ul>	<ul style="list-style-type: none"> <li>• Appropriate CTE license</li> <li>• CTE: Trade &amp; Industrial: Fire Science 5-12</li> <li>• Workplace Specialist: Fire &amp; Rescue 9-12</li> <li>• Workplace Specialist: First Responder 9-12</li> <li>• CTE: Trade &amp; Industrial: Law Enforcement Training 5-12</li> <li>• Workplace Specialist: Criminal Justice 9-12</li> <li>• CTE: Trade &amp; Industrial: Legal/Law Professionals 5-12</li> <li>• Workplace Specialist: Legal/Law Professionals 9-12</li> </ul>
	6154	Public Safety: Special Topics	Law and Public Safety	PS ST	<ul style="list-style-type: none"> <li>• Appropriate Vocational license</li> <li>• Standard Trade &amp; Industrial: Fireman Training K-12</li> <li>• Standard Trade &amp; Industrial: Law Enforcement Training K-12</li> </ul>	<ul style="list-style-type: none"> <li>• Appropriate Vocational license</li> <li>• Standard Trade &amp; Industrial: Fireman Training 9-12</li> <li>• Occupational Specialist I, II or III: Fireman Training 9-12</li> <li>• Standard Trade &amp; Industrial: Law Enforcement Training 9-12</li> <li>• Occupational Specialist I, II or III: Law Enforcement Training 9-12</li> </ul>	<ul style="list-style-type: none"> <li>• Appropriate CTE license</li> <li>• CTE: Trade &amp; Industrial: Fire Science</li> <li>• Workplace Specialist: Fire Science</li> <li>• Workplace Specialist: First Responder</li> <li>• CTE: Trade &amp; Industrial: Law Enforcement Training</li> <li>• Workplace Specialist: Law Enforcement Training</li> </ul>	<ul style="list-style-type: none"> <li>• Appropriate CTE license</li> <li>• CTE: Trade &amp; Industrial: Fire Science 5-12</li> <li>• Workplace Specialist: Fire &amp; Rescue 9-12</li> <li>• Workplace Specialist: First Responder 9-12</li> <li>• CTE: Trade &amp; Industrial: Law Enforcement Training 5-12</li> <li>• Workplace Specialist: Criminal Justice 9-12</li> <li>• CTE: Trade &amp; Industrial: Legal/Law Professionals 5-12</li> <li>• Workplace Specialist: Legal/Law Professionals 9-12</li> </ul>
	7190	Introduction to Public Safety and First Responders	Law and Public Safety	IN PS FRST RESP	<ul style="list-style-type: none"> <li>• Appropriate Vocational license</li> <li>• Standard Trade &amp; Industrial: Fireman Training K-12</li> <li>• Standard Trade &amp; Industrial: Law Enforcement Training K-12</li> </ul>	<ul style="list-style-type: none"> <li>• Appropriate Vocational license</li> <li>• Standard Trade &amp; Industrial: Fireman Training 9-12</li> <li>• Occupational Specialist I, II or III: Fireman Training 9-12</li> <li>• Standard Trade &amp; Industrial: Law Enforcement Training 9-12</li> <li>• Occupational Specialist I, II or III: Law Enforcement Training 9-12</li> </ul>	<ul style="list-style-type: none"> <li>• Appropriate CTE license</li> <li>• CTE: Trade &amp; Industrial: Fire Science</li> <li>• Workplace Specialist: Fire Science</li> <li>• Workplace Specialist: First Responder</li> <li>• CTE: Trade &amp; Industrial: Law Enforcement Training</li> <li>• Workplace Specialist: Law Enforcement Training</li> </ul>	<ul style="list-style-type: none"> <li>• Appropriate CTE license</li> <li>• CTE: Trade &amp; Industrial: Fire Science 5-12</li> <li>• Workplace Specialist: Fire &amp; Rescue 9-12</li> <li>• Workplace Specialist: First Responder 9-12</li> <li>• CTE: Trade &amp; Industrial: Law Enforcement Training 5-12</li> <li>• Workplace Specialist: Criminal Justice 9-12</li> <li>• CTE: Trade &amp; Industrial: Legal/Law Professionals 5-12</li> <li>• Workplace Specialist: Legal/Law Professionals 9-12</li> </ul>
Fire and Rescue	7195	Principles of Fire and Rescue	Law and Public Safety	PRIN FIRE RES	<ul style="list-style-type: none"> <li>• Standard Trade &amp; Industrial: Fireman Training K-12</li> </ul>	<ul style="list-style-type: none"> <li>• Standard Trade &amp; Industrial: Fireman Training 9-12</li> <li>• Occupational Specialist I, II or III: Fireman Training 9-12</li> </ul>	<ul style="list-style-type: none"> <li>• CTE: Trade &amp; Industrial: Fire Science</li> <li>• Workplace Specialist: Fire Science</li> <li>• Workplace Specialist: First Responder</li> </ul>	<ul style="list-style-type: none"> <li>• CTE: Trade &amp; Industrial: Fire Science 5-12</li> <li>• Workplace Specialist: Fire &amp; Rescue 9-12</li> </ul>
Fire and Rescue	7189	Fire Fighting Fundamentals	Law and Public Safety	FIRE FGHT FUN	<ul style="list-style-type: none"> <li>• Standard Trade &amp; Industrial: Fireman Training K-12</li> </ul>	<ul style="list-style-type: none"> <li>• Standard Trade &amp; Industrial: Fireman Training 9-12</li> <li>• Occupational Specialist I, II or III: Fireman Training 9-12</li> </ul>	<ul style="list-style-type: none"> <li>• CTE: Trade &amp; Industrial: Fire Science</li> <li>• Workplace Specialist: Fire Science</li> <li>• Workplace Specialist: First Responder</li> </ul>	<ul style="list-style-type: none"> <li>• CTE: Trade &amp; Industrial: Fire Science 5-12</li> <li>• Workplace Specialist: Fire &amp; Rescue 9-12</li> </ul>
Fire and Rescue	7186	Advanced Fire Fighting	Law and Public Safety	ADV FIRE FGHT	<ul style="list-style-type: none"> <li>• Standard Trade &amp; Industrial: Fireman Training K-12</li> </ul>	<ul style="list-style-type: none"> <li>• Standard Trade &amp; Industrial: Fireman Training 9-12</li> <li>• Occupational Specialist I, II or III: Fireman Training 9-12</li> </ul>	<ul style="list-style-type: none"> <li>• CTE: Trade &amp; Industrial: Fire Science</li> <li>• Workplace Specialist: Fire Science</li> <li>• Workplace Specialist: First Responder</li> </ul>	<ul style="list-style-type: none"> <li>• CTE: Trade &amp; Industrial: Fire Science 5-12</li> <li>• Workplace Specialist: Fire &amp; Rescue 9-12</li> </ul>
Fire and Rescue	7229	Fire and Rescue Capstone	Law and Public Safety	FIRE RES CAP	<ul style="list-style-type: none"> <li>• Standard Trade &amp; Industrial: Fireman Training K-12</li> </ul>	<ul style="list-style-type: none"> <li>• Standard Trade &amp; Industrial: Fireman Training 9-12</li> <li>• Occupational Specialist I, II or III: Fireman Training 9-12</li> </ul>	<ul style="list-style-type: none"> <li>• CTE: Trade &amp; Industrial: Fire Science</li> <li>• Workplace Specialist: Fire Science</li> <li>• Workplace Specialist: First Responder</li> </ul>	<ul style="list-style-type: none"> <li>• CTE: Trade &amp; Industrial: Fire Science 5-12</li> <li>• Workplace Specialist: Fire &amp; Rescue 9-12</li> </ul>
Crim Justice	7193	Principles of Criminal Justice	Law and Public Safety	PRIN CR JUST	<ul style="list-style-type: none"> <li>• Standard Trade &amp; Industrial: Law Enforcement Training K-12</li> </ul>	<ul style="list-style-type: none"> <li>• Standard Trade &amp; Industrial: Law Enforcement Training 9-12</li> <li>• Occupational Specialist I, II or III: Law Enforcement Training 9-12</li> </ul>	<ul style="list-style-type: none"> <li>• CTE: Trade &amp; Industrial: Law Enforcement Training</li> <li>• Workplace Specialist: Law Enforcement Training</li> </ul>	<ul style="list-style-type: none"> <li>• CTE: Trade &amp; Industrial: Criminal Justice 5-12</li> <li>• Workplace Specialist: Criminal Justice 9-12</li> <li>• Workplace Specialist: Law Enforcement 9-12</li> </ul>

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
Crim Justice	7191	Law Enforcement Fundamentals	Law and Public Safety	LAW ENF FUND	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Law Enforcement Training K-12</li> </ul>	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Law Enforcement Training 9-12</li> <li>Occupational Specialist I, II or III: Law Enforcement Training 9-12</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial: Law Enforcement Training</li> <li>Workplace Specialist: Law Enforcement Training</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial: Criminal Justice 5-12</li> <li>Workplace Specialist: Criminal Justice 9-12</li> <li>Workplace Specialist: Law Enforcement 9-12</li> </ul>
Crim Justice	7188	Corrections and Cultural Awareness	Law and Public Safety	CRT CORR	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Law Enforcement Training K-12</li> </ul>	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Law Enforcement Training 9-12</li> <li>Occupational Specialist I, II or III: Law Enforcement Training 9-12</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial: Law Enforcement Training</li> <li>Workplace Specialist: Law Enforcement Training</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial: Criminal Justice 5-12</li> <li>Workplace Specialist: Criminal Justice 9-12</li> <li>Workplace Specialist: Law Enforcement 9-12</li> </ul>
Crim Justice	7231	Criminal Justice Capstone	Law and Public Safety	CRIM JUST CAP	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Law Enforcement Training K-12</li> </ul>	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Law Enforcement Training 9-12</li> <li>Occupational Specialist I, II or III: Law Enforcement Training 9-12</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial: Law Enforcement Training</li> <li>Workplace Specialist: Law Enforcement Training</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial: Criminal Justice 5-12</li> <li>Workplace Specialist: Criminal Justice 9-12</li> <li>Workplace Specialist: Law Enforcement 9-12</li> </ul>
Paralegal	7194	Principles of Paralegal Studies	Law and Public Safety	PRIN PARA ST	<ul style="list-style-type: none"> <li>No License Available</li> </ul>	<ul style="list-style-type: none"> <li>No License Available</li> </ul>	<ul style="list-style-type: none"> <li>No License Available</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial: Legal/Law Professionals 5-12</li> <li>Workplace Specialist: Legal/Law Professionals 9-12</li> </ul>
Paralegal	7192	Paralegal Fundamentals	Law and Public Safety	PARA FUN	<ul style="list-style-type: none"> <li>No License Available</li> </ul>	<ul style="list-style-type: none"> <li>No License Available</li> </ul>	<ul style="list-style-type: none"> <li>No License Available</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial: Legal/Law Professionals 5-12</li> <li>Workplace Specialist: Legal/Law Professionals 9-12</li> </ul>
Paralegal	7187	Advanced Paralegal Studies	Law and Public Safety	ADV PARA ST	<ul style="list-style-type: none"> <li>No License Available</li> </ul>	<ul style="list-style-type: none"> <li>No License Available</li> </ul>	<ul style="list-style-type: none"> <li>No License Available</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial: Legal/Law Professionals 5-12</li> <li>Workplace Specialist: Legal/Law Professionals 9-12</li> </ul>
Paralegal	7227	Paralegal Studies Capstone	Law and Public Safety	LEGAL ST CAP	<ul style="list-style-type: none"> <li>No License Available</li> </ul>	<ul style="list-style-type: none"> <li>No License Available</li> </ul>	<ul style="list-style-type: none"> <li>No License Available</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial: Legal/Law Professionals 5-12</li> <li>Workplace Specialist: Legal/Law Professionals 9-12</li> </ul>
	6126	Advanced Career & Technical Education, College Credit: STEM	STEM	ADV CTE CC	<ul style="list-style-type: none"> <li>Industrial Arts 7-12, K12</li> </ul>	<ul style="list-style-type: none"> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education with high school setting</li> <li>Workplace Specialist: Computers in Design &amp; Production</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education 5-12</li> <li>Workplace Specialist: Computers in Design &amp; Production</li> </ul>
	4788	Engineering and Technology: Special Topics	STEM	ENG TECH ST	<ul style="list-style-type: none"> <li>Industrial Arts 7-12, K-12</li> <li>Appropriate Vocational license</li> </ul>	<ul style="list-style-type: none"> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> <li>Occupational Specialist I, II or III in related course approved for a CTE pathway</li> <li>Appropriate Vocational license</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education with high school setting</li> <li>Workplace Specialist I or II in related course approved for a CTE pathway</li> <li>Appropriate CTE license</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education 5-12</li> <li>Workplace Specialist I or II in related course approved for a CTE pathway</li> <li>Appropriate CTE license</li> </ul>
	7199	Engineering Essentials	STEM	ENG ESS	<ul style="list-style-type: none"> <li>Industrial Arts 7-12, K-12</li> <li>Standard Trade &amp; Industrial: Engineering K-12</li> <li>Standard Trade &amp; Industrial: Drafting K-12</li> </ul>	<ul style="list-style-type: none"> <li>Industrial Technology K-12</li> <li>Standard Trade &amp; Industrial: Engineering 9-12</li> <li>Standard Trade &amp; Industrial: Drafting 9-12</li> <li>Occupational Specialist I, II or III: Drafting 9-12</li> <li>Industrial Education K-12</li> <li>Occupational Specialist I, II or III: Engineering 9-12</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education with high school setting</li> <li>CTE: Trade &amp; Industrial: Engineering</li> <li>Workplace Specialist: Engineering</li> <li>CTE: Trade &amp; Industrial: Drafting &amp; Computer Aided Design (CAD)</li> <li>Workplace Specialist: Drafting &amp; Computer Aided Design (CAD)</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education 5-12</li> <li>CTE: Trade &amp; Industrial: Engineering 5-12</li> <li>Workplace Specialist: Engineering 9-12</li> <li>CTE: Trade &amp; Industrial: Drafting &amp; Computer Aided Design (CAD) 5-12</li> <li>Workplace Specialist: Mechanical Drafting 9-12</li> <li>Workplace Specialist: Architectural Drafting 9-12</li> <li>Workplace Specialist: Architectural Engineering 9-12</li> <li>CTE: Trade &amp; Industrial: Architecture 5-12</li> <li>Workplace Specialist: Architecture 9-12</li> </ul>
	5614	Introduction to the Energy Industry	STEM	INTRO ENG IND	<ul style="list-style-type: none"> <li>Industrial Arts K-12</li> </ul>	<ul style="list-style-type: none"> <li>Industrial Technology 9-12</li> <li>Industrial Education K-12</li> <li>Occupational Specialist I, II or III in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education</li> <li>Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industry: Energy Industry 5-12</li> <li>Workplace Specialist: Energy Industry 9-12</li> <li>Technology Education</li> <li>Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>
	4800	Computers in Design & Production	STEM	COMP DES	<ul style="list-style-type: none"> <li>Industrial Arts 7-12, K12</li> </ul>	<ul style="list-style-type: none"> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education with high school setting</li> <li>Workplace Specialist: Computers in Design &amp; Production</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education 5-12</li> <li>Workplace Specialist: Computers in Design &amp; Production</li> </ul>

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
	4794	Introduction to Design Processes	STEM	INT DES PRO	<ul style="list-style-type: none"> <li>Industrial Arts 7-12, K-12</li> </ul>	<ul style="list-style-type: none"> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> <li>Occupational Specialist I, II, or III in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education with high school setting</li> <li>Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education 5-12</li> <li>Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>
Engineering; Design Technology	4802	Introduction to Engineering Design	STEM	INT ENG DES	<ul style="list-style-type: none"> <li>Industrial Arts 7-12, K-12</li> <li>Standard Trade &amp; Industrial: Engineering K-12</li> <li>Standard Trade &amp; Industrial: Drafting K-12</li> </ul>	<ul style="list-style-type: none"> <li>Industrial Technology K-12</li> <li>Standard Trade &amp; Industrial: Engineering 9-12</li> <li>Standard Trade &amp; Industrial: Drafting 9-12</li> <li>Occupational Specialist I, II or III: Drafting 9-12</li> <li>Industrial Education K-12</li> <li>Occupational Specialist I, II or III: Engineering 9-12</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education with high school setting</li> <li>CTE: Trade &amp; Industrial: Engineering</li> <li>Workplace Specialist: Engineering</li> <li>CTE: Trade &amp; Industrial: Drafting &amp; Computer Aided Design (CAD)</li> <li>Workplace Specialist: Drafting &amp; Computer Aided Design (CAD)</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education 5-12</li> <li>CTE: Trade &amp; Industrial: Engineering 5-12</li> <li>Workplace Specialist: Engineering 9-12</li> <li>CTE: Trade &amp; Industrial: Drafting &amp; Computer Aided Design (CAD) 5-12</li> <li>Workplace Specialist: Mechanical Drafting 9-12</li> <li>Workplace Specialist: Architectural Drafting 9-12</li> <li>Workplace Specialist: Architectural Engineering 9-12</li> <li>CTE: Trade &amp; Industrial: Architecture 5-12</li> <li>Workplace Specialist: Architecture 9-12</li> </ul>
Engineering	5644	Principles of Engineering	STEM	PRNC ENG	<ul style="list-style-type: none"> <li>Industrial Arts 7-12, K-12</li> <li>Standard Trade &amp; Industrial: Engineering K-12</li> </ul>	<ul style="list-style-type: none"> <li>Industrial Technology K-12</li> <li>Standard Trade &amp; Industrial: Engineering 9-12</li> <li>Occupational Specialist I, II or III: Engineering</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education with high school setting</li> <li>CTE: Trade &amp; Industrial: Engineering</li> <li>Workplace Specialist: Engineering</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education 5-12</li> <li>CTE: Trade &amp; Industrial: Engineering 5-12</li> <li>Workplace Specialist: Engineering 9-12</li> </ul>
Engineering	5518	Aerospace Engineering	STEM	AERO ENG	<ul style="list-style-type: none"> <li>Industrial Arts 7-12, K-12</li> <li>Standard Trade &amp; Industrial: Engineering K-12</li> </ul>	<ul style="list-style-type: none"> <li>Industrial Technology K-12</li> <li>Standard Trade &amp; Industrial: Engineering 9-12</li> <li>Occupational Specialist I, II or III: Engineering</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education with high school setting</li> <li>CTE: Trade &amp; Industrial: Engineering</li> <li>Workplace Specialist: Engineering</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education 5-12</li> <li>CTE: Trade &amp; Industrial: Engineering 5-12</li> <li>Workplace Specialist: Engineering 9-12</li> </ul>
Engineering	5650	Civil Engineering and Architecture	STEM	CIVIL ENG	<ul style="list-style-type: none"> <li>Industrial Arts 7-12, K-12</li> <li>Standard Trade &amp; Industrial: Engineering K-12</li> </ul>	<ul style="list-style-type: none"> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> <li>Standard Trade &amp; Industrial: Civil-Architectural Engineering 9-12</li> <li>Occupational Specialist I, II or III: Civil-Architectural Engineering 9-12</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education with high school setting</li> <li>CTE: Trade &amp; Industrial: Civil-Architectural Engineering Workplace Specialist: Civil-Architectural Engineering</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education 5-12</li> <li>CTE: Trade &amp; Industrial: Civil-Architectural Engineering 5-12</li> <li>Workplace Specialist: Engineering 9-12</li> </ul>
Engineering	5534	Computer Integrated Manufacturing	STEM	COMP INT MFG	<ul style="list-style-type: none"> <li>Industrial Arts 7-12, K-12</li> <li>Standard Trade &amp; Industrial: Engineering K-12</li> </ul>	<ul style="list-style-type: none"> <li>Industrial Technology K-12</li> <li>Standard Trade &amp; Industrial: Engineering 9-12</li> <li>Occupational Specialist I, II or III: Engineering</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education with high school setting</li> <li>CTE: Trade &amp; Industrial: Engineering</li> <li>Workplace Specialist: Engineering</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education 5-12</li> <li>CTE: Trade &amp; Industrial: Engineering 5-12</li> <li>Workplace Specialist: Engineering 9-12</li> </ul>
Engineering; Electronics and Computer Technology	5538	Digital Electronics	STEM	DIG ELEC	<ul style="list-style-type: none"> <li>Industrial Arts 7-12, K-12</li> <li>Standard Trade &amp; Industrial: Engineering K-12</li> </ul>	<ul style="list-style-type: none"> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> <li>Standard Trade &amp; Industrial: Engineering 9-12</li> <li>Occupational Specialist I, II or III: Digital Electronics Technology</li> <li>Occupational Specialist I, II or III: Electronics Technology 9-12 or Industrial Electronics 9-12</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education with high school setting</li> <li>CTE: Trade &amp; Industrial: Engineering</li> <li>Workplace Specialist: Digital Electronics Technology</li> <li>Workplace Specialist: Electronics Technology 9-12 or Industrial Electronics 9-12</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education 5-12</li> <li>CTE: Trade &amp; Industrial: Engineering 5-12</li> <li>Workplace Specialist: Engineering 9-12</li> <li>Workplace Specialist: Electronics Technology 9-12 or Industrial Electronics 9-12</li> </ul>
Engineering	4818	Environmental Sustainability	STEM	ENV SUS	<ul style="list-style-type: none"> <li>Industrial Arts 7-12, K-12</li> <li>Standard Trade &amp; Industrial: Engineering K-12</li> <li>Biology 7-12</li> <li>Earth Science 7-12</li> </ul>	<ul style="list-style-type: none"> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> <li>Standard Trade &amp; Industrial: Engineering or Manufacturing 9-12</li> <li>Occupational Specialist I, II or III: Engineering 9-12</li> <li>Conservation &amp; Environmental Studies 9-12</li> <li>Biology 9-12</li> <li>Earth/Space Science 9-12</li> </ul>	<ul style="list-style-type: none"> <li>Technology education with a high school setting</li> <li>CTE Trade &amp; Industrial: Engineering</li> <li>Workplace Specialist: Biotechnology Engineering</li> <li>Earth/Space Science with a high school setting</li> <li>Life Science with a high school setting</li> </ul>	<ul style="list-style-type: none"> <li>Technology education 5-12</li> <li>CTE Trade &amp; Industrial: Engineering</li> <li>Workplace Specialist: Biotechnology Engineering</li> <li>Earth/Space Science 5-12</li> <li>Life Science 5-12</li> </ul>
Engineering	5698	Engineering Design and Development	STEM	ENG DES DEV	<ul style="list-style-type: none"> <li>Industrial Arts 7-12, K-12</li> <li>Standard Trade &amp; Industrial: Engineering K-12</li> </ul>	<ul style="list-style-type: none"> <li>Industrial Technology K-12</li> <li>Standard Trade &amp; Industrial: Engineering 9-12</li> <li>Occupational Specialist I, II or III: Engineering</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education with high school setting</li> <li>CTE: Trade &amp; Industrial: Engineering</li> <li>Workplace Specialist: Engineering</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education 5-12</li> <li>CTE: Trade &amp; Industrial: Engineering 5-12</li> <li>Workplace Specialist: Engineering 9-12</li> </ul>



Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
Design Tech	7196	Mechanical and Architectural Design	STEM	ARCT DES	<ul style="list-style-type: none"> <li>●Industrial Arts 7-12, K-12</li> <li>●Standard Trade &amp; Industrial: Engineering K-12</li> <li>●Standard Trade &amp; Industrial: Drafting K-12</li> </ul>	<ul style="list-style-type: none"> <li>●Industrial Technology K-12</li> <li>●Standard Trade &amp; Industrial: Engineering 9-12</li> <li>●Standard Trade &amp; Industrial: Drafting 9-12</li> <li>●Occupational Specialist I, II or III: Drafting 9-12</li> <li>●Industrial Education K-12</li> <li>●Occupational Specialist I, II or III: Engineering 9-12</li> </ul>	<ul style="list-style-type: none"> <li>●Technology Education with high school setting</li> <li>●CTE: Trade &amp; Industrial: Engineering</li> <li>●Workplace Specialist: Engineering</li> <li>●CTE: Trade &amp; Industrial: Drafting &amp; Computer Aided Design (CAD)</li> <li>●Workplace Specialist: Drafting &amp; Computer Aided Design (CAD)</li> </ul>	<ul style="list-style-type: none"> <li>●Technology Education 5-12</li> <li>●CTE: Trade &amp; Industrial: Engineering 5-12</li> <li>●Workplace Specialist: Engineering 9-12</li> <li>●CTE: Trade &amp; Industrial: Drafting &amp; Computer Aided Design (CAD) 5-12</li> <li>●Workplace Specialist: Mechanical Drafting 9-12</li> <li>●Workplace Specialist: Architectural Drafting 9-12</li> <li>●Workplace Specialist: Architectural Engineering 9-12</li> <li>●CTE: Trade &amp; Industrial: Architecture 5-12</li> <li>●Workplace Specialist: Architecture 9-12</li> </ul>
Design Tech	7202	Manufacturing Principles and Design	STEM	PRIN DES TECH	<ul style="list-style-type: none"> <li>●Standard Trade &amp; Industrial: Drafting K-12</li> <li>●Industrial Arts 7-12</li> </ul>	<ul style="list-style-type: none"> <li>●Standard Trade &amp; Industrial: Drafting 9-12</li> <li>●Occupational Specialist I, II or III: Drafting 9-12</li> <li>●Industrial Education K-12</li> <li>●Industrial Technology K-12</li> </ul>	<ul style="list-style-type: none"> <li>●CTE: Trade &amp; Industrial: Drafting &amp; Computer Aided Design (CAD)</li> <li>●Workplace Specialist: Drafting &amp; Computer Aided Design (CAD)</li> <li>●Technology Education with high school setting</li> </ul>	<ul style="list-style-type: none"> <li>●CTE: Trade &amp; Industrial: Drafting &amp; Computer Aided Design (CAD) 5-12</li> <li>●CTE: Trade &amp; Industrial: Drafting 5-12</li> <li>●Workplace Specialist: Drafting &amp; Computer Aided Design 9-12</li> <li>●Workplace Specialist: Mechanical Drafting 9-12</li> <li>●Technology Education 5-12</li> </ul>
Design Tech	7223	Mechanical Design Capstone	STEM	MECH DES CAP	<ul style="list-style-type: none"> <li>●Standard Trade &amp; Industrial: Drafting K-12</li> <li>●Industrial Arts 7-12</li> </ul>	<ul style="list-style-type: none"> <li>●Standard Trade &amp; Industrial: Drafting 9-12</li> <li>●Occupational Specialist I, II or III: Drafting 9-12</li> <li>●Industrial Education K-12</li> <li>●Industrial Technology K-12</li> </ul>	<ul style="list-style-type: none"> <li>●CTE: Trade &amp; Industrial: Drafting &amp; Computer Aided Design (CAD)</li> <li>●Workplace Specialist: Drafting &amp; Computer Aided Design (CAD)</li> <li>●Technology Education with high school setting</li> </ul>	<ul style="list-style-type: none"> <li>●CTE: Trade &amp; Industrial: Drafting &amp; Computer Aided Design (CAD) 5-12</li> <li>●CTE: Trade &amp; Industrial: Drafting 5-12</li> <li>●Workplace Specialist: Drafting &amp; Computer Aided Design 9-12</li> <li>●Workplace Specialist: Mechanical Drafting 9-12</li> <li>●Technology Education 5-12</li> </ul>
Design Tech	7197	BIM Architecture	STEM	BIM ARCH	<ul style="list-style-type: none"> <li>●Standard Trade &amp; Industrial: Drafting K-12</li> <li>●Industrial Arts K-12</li> </ul>	<ul style="list-style-type: none"> <li>●Standard Trade &amp; Industrial: Drafting 9-12</li> <li>●Occupational Specialist I, II or III: Drafting 9-12</li> <li>●Industrial Technology 9-12</li> </ul>	<ul style="list-style-type: none"> <li>●CTE: Trade &amp; Industrial: Drafting &amp; Computer Aided Design (CAD)</li> <li>●Workplace Specialist: Drafting &amp; Computer Aided Design (CAD)</li> <li>●Technology Education 5-12</li> </ul>	<ul style="list-style-type: none"> <li>●CTE: Trade &amp; Industrial: Drafting &amp; Computer Aided Design (CAD) 5-12</li> <li>●Workplace Specialist: Architectural Drafting 9-12</li> <li>●Workplace Specialist: Drafting &amp; Computer Aided Design 9-12</li> <li>●CTE: Trade &amp; Industrial: Architecture 5-12</li> <li>●Workplace Specialist: Architecture 9-12</li> <li>●Technology Education 5-12</li> </ul>
Design Tech	7225	Architectural Design Capstone	STEM	ARCH DES CAP	<ul style="list-style-type: none"> <li>●Standard Trade &amp; Industrial: Drafting K-12</li> <li>●Industrial Arts K-12</li> </ul>	<ul style="list-style-type: none"> <li>●Standard Trade &amp; Industrial: Drafting 9-12</li> <li>●Occupational Specialist I, II or III: Drafting 9-12</li> <li>●Industrial Technology 9-12</li> </ul>	<ul style="list-style-type: none"> <li>●CTE: Trade &amp; Industrial: Drafting &amp; Computer Aided Design (CAD)</li> <li>●Workplace Specialist: Drafting &amp; Computer Aided Design (CAD)</li> <li>●Technology Education 5-12</li> </ul>	<ul style="list-style-type: none"> <li>●CTE: Trade &amp; Industrial: Drafting &amp; Computer Aided Design (CAD) 5-12</li> <li>●Workplace Specialist: Architectural Drafting 9-12</li> <li>●Workplace Specialist: Drafting &amp; Computer Aided Design 9-12</li> <li>●CTE: Trade &amp; Industrial: Architecture 5-12</li> <li>●Workplace Specialist: Architecture 9-12</li> <li>●Technology Education 5-12</li> </ul>
Biotechnology	7340	Principles of Biotechnology	STEM	PRIN BIOTECH	● No License Available	● No License Available	● No License Available	<ul style="list-style-type: none"> <li>●Life Science 5-12</li> <li>●Chemistry 5-12</li> <li>●CTE: T&amp;I: Biotechnology</li> <li>●Workplace Specialist: Biotechnology</li> </ul>
Biotechnology	7341	Biotech Manufacturing	STEM	BIOTECH MANF	● No License Available	● No License Available	● No License Available	<ul style="list-style-type: none"> <li>●Life Science 5-12</li> <li>●Chemistry 5-12</li> <li>●CTE: T&amp;I: Biotechnology</li> <li>●Workplace Specialist: Biotechnology</li> </ul>
Biotechnology	7342	Biotech Regulatory Affairs	STEM	BIOTECH REG AFF	● No License Available	● No License Available	● No License Available	<ul style="list-style-type: none"> <li>●Life Science 5-12</li> <li>●Chemistry 5-12</li> <li>●CTE: T&amp;I: Biotechnology</li> <li>●Workplace Specialist: Biotechnology</li> </ul>
Biotechnology	7343	Advanced Biotech Manufacturing	STEM	ADV BIOTECH MANF	● No License Available	● No License Available	● No License Available	<ul style="list-style-type: none"> <li>●Life Science 5-12</li> <li>●Chemistry 5-12</li> <li>●CTE: T&amp;I: Biotechnology</li> <li>●Workplace Specialist: Biotechnology</li> </ul>

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
Biotechnology	7344	Biotechnology Capstone	STEM	BIOTECH CAP	• No License Available	• No License Available	• No License Available	• Life Science 5-12 • Chemistry 5-12 • CTE: T&I: Biotechnology • Workplace Specialist: Biotechnology
Electronics and Computer Technology	7361	Electronic Fundamentals	STEM	ELEC FUND	• Standard Trade & Industrial: Electronics Technology K-12	• Standard Trade & Industrial: Electronics Technology 9-12 • Occupational Specialist I, II or III: Electronics Technology or Industrial Electronics 9-12 • Industrial Technology K-12	• CTE: Trade & Industrial: Electronics Technology • Workplace Specialist: Electronics Technology or Industrial Electronics • Technology Education	• 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	STEM	ECT CAP	• Standard Trade & Industrial: Electronics Technology K-12	• Standard Trade & Industrial: Electronics Technology 9-12 • Occupational Specialist I, II or III: Electronics Technology or Industrial Electronics 9-12 • Industrial Technology K-12	• CTE: Trade & Industrial: Electronics Technology • Workplace Specialist: Electronics Technology or Industrial Electronics • Technology Education	• CTE: Trade & Industrial Electronics Technology 5-12 • Workplace Specialist: Electronics Technology or Industrial Electronics 9-12 • Technology Education 5-12
Energy	7203	Principles of Energy Technology	STEM	PRIN ENER TECH	• Industrial Arts K-12	• Industrial Technology 9-12 • Industrial Education K-12 • Occupational Specialist I, II or III in related course approved for a CTE pathway	• Technology Education • Workplace Specialist I or II in related course approved for a CTE pathway	• TE: 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	7200	Fundamentals of Electricity and Motors	STEM	FUN ELE MOTR	• Industrial Arts K-12	• Industrial Technology 9-12 • Industrial Education K-12 • Occupational Specialist I, II or III in related course approved for a CTE pathway	• Technology Education • Workplace Specialist I or II in related course approved for a CTE pathway	• TE: 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	7198	Electrical Power Distribution	STEM	ELC PWR DIS	• Industrial Arts K-12	• Industrial Technology 9-12 • Industrial Education K-12 • Occupational Specialist I, II or III in related course approved for a CTE pathway	• Technology Education • Workplace Specialist I or II in related course approved for a CTE pathway	• TE: 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	7268	Electrical Line Capstone	STEM	ELEC LN CAP	• Industrial Arts K-12	• Industrial Technology 9-12 • Industrial Education K-12 • Occupational Specialist I, II or III in related course approved for a CTE pathway	• Technology Education • Workplace Specialist I or II in related course approved for a CTE pathway	• TE: 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	7269	Industrial Wind Capstone	STEM	IND WIND CAP	• Industrial Arts K-12	• Industrial Technology 9-12 • Industrial Education K-12 • Occupational Specialist I, II or III in related course approved for a CTE pathway	• Technology Education • Workplace Specialist I or II in related course approved for a CTE pathway	• TE: 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	7266	Natural Gas Capstone	STEM	NATL GAS CAP	• Industrial Arts K-12	• Industrial Technology 9-12 • Industrial Education K-12 • Occupational Specialist I, II or III in related course approved for a CTE pathway	• Technology Education • Workplace Specialist I or II in related course approved for a CTE pathway	• TE: 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	7365	Renewable Energy Alternatives	STEM	RE ENGY ALT	• Industrial Arts K-12	• Industrial Technology 9-12 • Industrial Education K-12 • Occupational Specialist I, II or III in related course approved for a CTE pathway	• Technology Education • Workplace Specialist I or II in related course approved for a CTE pathway	• TE: 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
Utilities- Water Systems	7381	Principles of Public Water Systems	STEM	PRIN WATER SYS	• Industrial Arts K-12	• Industrial Technology 9-12 • Industrial Education K-12 • Occupational Specialist I, II or III in related course approved for a CTE pathway	• Technology Education • Workplace Specialist I or II in related course approved for a CTE pathway	• Technology Education • CTE: T&I: Public Water System Technician • Workplace Specialist: Public Water System Technician

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
Utilities- Water Systems	7382	Water Systems Fundamentals	STEM	WATER SYS FUND	<ul style="list-style-type: none"> <li>Industrial Arts K-12</li> </ul>	<ul style="list-style-type: none"> <li>Industrial Technology 9-12</li> <li>Industrial Education K-12</li> <li>Occupational Specialist I, II or III in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education</li> <li>Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education</li> <li>CTE:T&amp;I: Public Water System Technician</li> <li>Workplace Specialist: Public Water System Technician</li> </ul>
Utilities- Water Systems	7383	Advanced Water Systems	STEM	ADV WATER SYS	<ul style="list-style-type: none"> <li>Industrial Arts K-12</li> </ul>	<ul style="list-style-type: none"> <li>Industrial Technology 9-12</li> <li>Industrial Education K-12</li> <li>Occupational Specialist I, II or III in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education</li> <li>Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education</li> <li>CTE:T&amp;I: Public Water System Technician</li> <li>Workplace Specialist: Public Water System Technician</li> </ul>
Utilities- Water Systems	7384	Water Systems Capstone	STEM	WATER SYS CAP	<ul style="list-style-type: none"> <li>Industrial Arts K-12</li> </ul>	<ul style="list-style-type: none"> <li>Industrial Technology 9-12</li> <li>Industrial Education K-12</li> <li>Occupational Specialist I, II or III in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education</li> <li>Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education</li> <li>CTE:T&amp;I: Public Water System Technician</li> <li>Workplace Specialist: Public Water System Technician</li> </ul>
	6128	Advanced Career & Technical Education, College Credit: Transportation	Transportation	ADV CTE CC TRANS	<ul style="list-style-type: none"> <li>Industrial Arts 7-12, K-12</li> <li>Appropriate Vocational license</li> </ul>	<ul style="list-style-type: none"> <li>Industrial Technology K-12</li> <li>Industrial Education K12</li> <li>Occupational Specialist I, II or III in related course approved for a CTE pathway</li> <li>Appropriate Vocational license</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education with high school setting</li> <li>Workplace Specialist I or II in related course approved for a CTE pathway</li> <li>Appropriate CTE license</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education 5-12</li> <li>Workplace Specialist I or II in related course approved for a CTE pathway</li> <li>Appropriate CTE license</li> </ul>
	6156	Transportation: Special Topics	Transportation	TRANS ST	<ul style="list-style-type: none"> <li>Industrial Arts 7-12, K-12</li> <li>Appropriate Vocational license</li> </ul>	<ul style="list-style-type: none"> <li>Industrial Technology K-12</li> <li>Industrial Education K12</li> <li>Occupational Specialist I, II or III in related course approved for a CTE pathway</li> <li>Appropriate Vocational license</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education with high school setting</li> <li>Workplace Specialist I or II in related course approved for a CTE pathway</li> <li>Appropriate CTE license</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education 5-12</li> <li>Workplace Specialist I or II in related course approved for a CTE pathway</li> <li>Appropriate CTE license</li> </ul>
	4798	Introduction to Transportation	Transportation	INT TRANS	<ul style="list-style-type: none"> <li>Industrial Arts 7-12, K12</li> </ul>	<ul style="list-style-type: none"> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> <li>Occupational Specialist I, II or III in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education with high school setting</li> <li>Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education 5-12</li> <li>Workplace Specialist I or II in related course approved for a CTE pathway</li> </ul>
Auto Service	7213	Principles of Automotive Services	Transportation	PRIN AUTO SER	<ul style="list-style-type: none"> <li>Industrial Arts 7-12, K-12</li> <li>Standard Trade &amp; Industrial: Auto Mechanics K-12</li> <li>Appropriate Vocational license</li> </ul>	<ul style="list-style-type: none"> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> <li>Standard Trade &amp; Industrial: Auto Mechanics 9-12</li> <li>Occupational Specialist I, II or III: Auto Mechanics 9-12</li> <li>Occupational Specialist I, II or III in related course approved for a CTE pathway</li> <li>Appropriate Vocational license</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education with high school setting</li> <li>CTE: Trade &amp; Industrial: Automotive Services Technology</li> <li>Workplace Specialist: Automotive Services Technology</li> <li>Workplace Specialist I or II in related course approved for a CTE pathway</li> <li>Appropriate CTE license</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education 5-12</li> <li>CTE: Trade &amp; Industrial Automotive Services 5-12</li> <li>Workplace Specialist: Automotive Services 9-12</li> <li>Workplace Specialist I or II in related course approved for a CTE pathway</li> <li>Appropriate CTE license</li> </ul>
Auto Service	7205	Brake Systems	Transportation	BRK SYS	<ul style="list-style-type: none"> <li>Industrial Arts 7-12, K-12</li> <li>Standard Trade &amp; Industrial: Auto Mechanics K-12</li> <li>Appropriate Vocational license</li> </ul>	<ul style="list-style-type: none"> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> <li>Standard Trade &amp; Industrial: Auto Mechanics 9-12</li> <li>Occupational Specialist I, II or III: Auto Mechanics 9-12</li> <li>Occupational Specialist I, II or III in related course approved for a CTE pathway</li> <li>Appropriate Vocational license</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education with high school setting</li> <li>CTE: Trade &amp; Industrial: Automotive Services Technology</li> <li>Workplace Specialist: Automotive Services Technology</li> <li>Workplace Specialist I or II in related course approved for a CTE pathway</li> <li>Appropriate Vocational license</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education 5-12</li> <li>CTE: Trade &amp; Industrial Automotive Services 5-12</li> <li>Workplace Specialist: Automotive Services 9-12</li> <li>Workplace Specialist I or II in related course approved for a CTE pathway</li> <li>Appropriate CTE license</li> </ul>
Auto Service	7212	Steering and Suspensions	Transportation	STEER SUSP	<ul style="list-style-type: none"> <li>Industrial Arts 7-12, K-12</li> <li>Standard Trade &amp; Industrial: Auto Mechanics K-12</li> <li>Appropriate Vocational license</li> </ul>	<ul style="list-style-type: none"> <li>Industrial Technology K-12</li> <li>Industrial Education K-12</li> <li>Standard Trade &amp; Industrial: Auto Mechanics 9-12</li> <li>Occupational Specialist I, II or III: Auto Mechanics 9-12</li> <li>Occupational Specialist I, II or III in related course approved for a CTE pathway</li> <li>Appropriate Vocational license</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education with high school setting</li> <li>CTE: Trade &amp; Industrial: Automotive Services Technology</li> <li>Workplace Specialist: Automotive Services Technology</li> <li>Workplace Specialist I or II in related course approved for a CTE pathway</li> <li>Appropriate CTE license</li> </ul>	<ul style="list-style-type: none"> <li>Technology Education 5-12</li> <li>CTE: Trade &amp; Industrial Automotive Services 5-12</li> <li>Workplace Specialist: Automotive Services 9-12</li> <li>Workplace Specialist I or II in related course approved for a CTE pathway</li> <li>Appropriate CTE license</li> </ul>

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
Auto Service	7375	Automotive Service Capstone	Transportation	AUTO SRV CAP	<ul style="list-style-type: none"> <li>●Industrial Arts 7-12, K-12</li> <li>●Standard Trade &amp; Industrial: Auto Mechanics K-12</li> <li>●Appropriate Vocational license</li> </ul>	<ul style="list-style-type: none"> <li>●Industrial Technology K-12</li> <li>●Industrial Education K-12</li> <li>●Standard Trade &amp; Industrial: Auto Mechanics 9-12</li> <li>●Occupational Specialist I, II or III: Auto Mechanics 9-12</li> <li>●Occupational Specialist I, II or III in related course approved for a CTE pathway</li> <li>●Appropriate Vocational license</li> </ul>	<ul style="list-style-type: none"> <li>●Technology Education with high school setting</li> <li>●CTE: Trade &amp; Industrial: Automotive Services Technology</li> <li>●Workplace Specialist: Automotive Services Technology</li> <li>●Workplace Specialist I or II in related course approved for a CTE pathway</li> <li>●Appropriate CTE license</li> </ul>	<ul style="list-style-type: none"> <li>●Technology Education 5-12</li> <li>●CTE: Trade &amp; Industrial Automotive Services 5-12</li> <li>●Workplace Specialist: Automotive Services 9-12</li> <li>●Workplace Specialist I or II in related course approved for a CTE pathway</li> <li>●Appropriate CTE license</li> </ul>
Auto Collision Repair	7215	Principles of Collision Repair	Transportation	PRIN COL REP	<ul style="list-style-type: none"> <li>●Industrial Arts 7-12, K-12</li> </ul>	<ul style="list-style-type: none"> <li>●Industrial Technology K-12</li> <li>●Industrial Education K-12</li> <li>●Standard Trade &amp; Industrial: Body &amp; Fender Repair 9-12</li> <li>●Occupational Specialist I, II or III: Body &amp; Fender Repair 9-12</li> </ul>	<ul style="list-style-type: none"> <li>●Technology Education with high school setting</li> <li>●CTE: Trade &amp; Industrial: Automotive Collision Repair Technology</li> <li>●Workplace Specialist: Automotive Collision Repair Technology</li> </ul>	<ul style="list-style-type: none"> <li>●Technology Education 5-12</li> <li>●CTE: Trade &amp; Industrial Automotive Collision Repair 5-12</li> <li>●Workplace Specialist: Automotive Collision Repair 9-12</li> </ul>
Auto Collision Repair	7204	Automotive Body Repair	Transportation	AUTO BDY REP	<ul style="list-style-type: none"> <li>●Industrial Arts 7-12, K-12</li> </ul>	<ul style="list-style-type: none"> <li>●Industrial Technology K-12</li> <li>●Industrial Education K-12</li> <li>●Standard Trade &amp; Industrial: Body &amp; Fender Repair 9-12</li> <li>●Occupational Specialist I, II or III: Body &amp; Fender Repair 9-12</li> </ul>	<ul style="list-style-type: none"> <li>●Technology Education with high school setting</li> <li>●CTE: Trade &amp; Industrial: Automotive Collision Repair Technology</li> <li>●Workplace Specialist: Automotive Collision Repair Technology</li> </ul>	<ul style="list-style-type: none"> <li>●Technology Education 5-12</li> <li>●CTE: Trade &amp; Industrial Automotive Collision Repair 5-12</li> <li>●Workplace Specialist: Automotive Collision Repair 9-12</li> </ul>
Auto Collision Repair	7206	Plastic Body Repair and Paint Fundamentals	Transportation	PAINT FUND	<ul style="list-style-type: none"> <li>●Industrial Arts 7-12, K-12</li> </ul>	<ul style="list-style-type: none"> <li>●Industrial Technology K-12</li> <li>●Industrial Education K-12</li> <li>●Standard Trade &amp; Industrial: Body &amp; Fender Repair 9-12</li> <li>●Occupational Specialist I, II or III: Body &amp; Fender Repair 9-12</li> </ul>	<ul style="list-style-type: none"> <li>●Technology Education with high school setting</li> <li>●CTE: Trade &amp; Industrial: Automotive Collision Repair Technology</li> <li>●Workplace Specialist: Automotive Collision Repair Technology</li> </ul>	<ul style="list-style-type: none"> <li>●Technology Education 5-12</li> <li>●CTE: Trade &amp; Industrial Automotive Collision Repair 5-12</li> <li>●Workplace Specialist: Automotive Collision Repair 9-12</li> </ul>
Auto Collision Repair	7380	Collision Repair Capstone	Transportation	COLL RPR CAP	<ul style="list-style-type: none"> <li>●Industrial Arts 7-12, K-12</li> </ul>	<ul style="list-style-type: none"> <li>●Industrial Technology K-12</li> <li>●Industrial Education K-12</li> <li>●Standard Trade &amp; Industrial: Body &amp; Fender Repair 9-12</li> <li>●Occupational Specialist I, II or III: Body &amp; Fender Repair 9-12</li> </ul>	<ul style="list-style-type: none"> <li>●Technology Education with high school setting</li> <li>●CTE: Trade &amp; Industrial: Automotive Collision Repair Technology</li> <li>●Workplace Specialist: Automotive Collision Repair Technology</li> </ul>	<ul style="list-style-type: none"> <li>●Technology Education 5-12</li> <li>●CTE: Trade &amp; Industrial Automotive Collision Repair 5-12</li> <li>●Workplace Specialist: Automotive Collision Repair 9-12</li> </ul>
Diesel	7216	Principles of Diesel Technology	Transportation	PRIN DSL SERV	<ul style="list-style-type: none"> <li>●Standard Trade &amp; Industrial: Diesel Mechanics K-12</li> </ul>	<ul style="list-style-type: none"> <li>●Standard Trade &amp; Industrial: Diesel Mechanics 9-12</li> <li>●Occupational Specialist I, II or III: Diesel Mechanics 9-12</li> </ul>	<ul style="list-style-type: none"> <li>●CTE: Trade &amp; Industrial: Diesel Service Technology</li> <li>●Workplace Specialist: Diesel Service Technology</li> </ul>	<ul style="list-style-type: none"> <li>●CTE: Trade &amp; Industrial Diesel Services 5-12</li> <li>●Workplace Specialist: Diesel Service 9-12</li> </ul>
Diesel	7210	Diesel Steering and Brakes	Transportation	DSL STR BRKS	<ul style="list-style-type: none"> <li>●Standard Trade &amp; Industrial: Diesel Mechanics K-12</li> </ul>	<ul style="list-style-type: none"> <li>●Standard Trade &amp; Industrial: Diesel Mechanics 9-12</li> <li>●Occupational Specialist I, II or III: Diesel Mechanics 9-12</li> </ul>	<ul style="list-style-type: none"> <li>●CTE: Trade &amp; Industrial: Diesel Service Technology</li> <li>●Workplace Specialist: Diesel Service Technology</li> </ul>	<ul style="list-style-type: none"> <li>●CTE: Trade &amp; Industrial Diesel Services 5-12</li> <li>●Workplace Specialist: Diesel Service 9-12</li> </ul>
Diesel	7211	Diesel Transmissions	Transportation	DSL TRN ENGI REP	<ul style="list-style-type: none"> <li>●Standard Trade &amp; Industrial: Diesel Mechanics K-12</li> </ul>	<ul style="list-style-type: none"> <li>●Standard Trade &amp; Industrial: Diesel Mechanics 9-12</li> <li>●Occupational Specialist I, II or III: Diesel Mechanics 9-12</li> </ul>	<ul style="list-style-type: none"> <li>●CTE: Trade &amp; Industrial: Diesel Service Technology</li> <li>●Workplace Specialist: Diesel Service Technology</li> </ul>	<ul style="list-style-type: none"> <li>●CTE: Trade &amp; Industrial Diesel Services 5-12</li> <li>●Workplace Specialist: Diesel Service 9-12</li> </ul>
Diesel	7221	Diesel Services Capstone	Transportation	DESL SRV CAP	<ul style="list-style-type: none"> <li>●Standard Trade &amp; Industrial: Diesel Mechanics K-12</li> </ul>	<ul style="list-style-type: none"> <li>●Standard Trade &amp; Industrial: Diesel Mechanics 9-12</li> <li>●Occupational Specialist I, II or III: Diesel Mechanics 9-12</li> </ul>	<ul style="list-style-type: none"> <li>●CTE: Trade &amp; Industrial: Diesel Service Technology</li> <li>●Workplace Specialist: Diesel Service Technology</li> </ul>	<ul style="list-style-type: none"> <li>●CTE: Trade &amp; Industrial Diesel Services 5-12</li> <li>●Workplace Specialist: Diesel Service 9-12</li> </ul>
CDL	7386	Principles of Transportation and Logistics	Transportation	PRIN TRANS LOG	<ul style="list-style-type: none"> <li>● No License Available</li> </ul>	<ul style="list-style-type: none"> <li>● No License Available</li> </ul>	<ul style="list-style-type: none"> <li>●CTE: Trade &amp; Industrial: Tractor/Trailer Operation</li> <li>●Workplace Specialist: Tractor/Trailer Operation</li> </ul>	<ul style="list-style-type: none"> <li>●CTE: Trade &amp; Industrial Tractor/Trailer Operation 5-12</li> <li>●Workplace Specialist: Tractor/Trailer Operation 9-12</li> </ul>
CDL	7387	Commercial Drivers Operations Fundamentals	Transportation	CDL OPER FUND	<ul style="list-style-type: none"> <li>● No License Available</li> </ul>	<ul style="list-style-type: none"> <li>● No License Available</li> </ul>	<ul style="list-style-type: none"> <li>●CTE: Trade &amp; Industrial: Tractor/Trailer Operation</li> <li>●Workplace Specialist: Tractor/Trailer Operation</li> </ul>	<ul style="list-style-type: none"> <li>●CTE: Trade &amp; Industrial Tractor/Trailer Operation 5-12</li> <li>●Workplace Specialist: Tractor/Trailer Operation 9-12</li> </ul>
CDL	7388	Advanced Commercial Drivers Operations	Transportation	ADV CDL FUND	<ul style="list-style-type: none"> <li>● No License Available</li> </ul>	<ul style="list-style-type: none"> <li>● No License Available</li> </ul>	<ul style="list-style-type: none"> <li>●CTE: Trade &amp; Industrial: Tractor/Trailer Operation</li> <li>●Workplace Specialist: Tractor/Trailer Operation</li> </ul>	<ul style="list-style-type: none"> <li>●CTE: Trade &amp; Industrial Tractor/Trailer Operation 5-12</li> <li>●Workplace Specialist: Tractor/Trailer Operation 9-12</li> </ul>
	5622	Tractor/Trailer Operation	Transportation	TRACT OPER	<ul style="list-style-type: none"> <li>● No License Available</li> </ul>	<ul style="list-style-type: none"> <li>● No License Available</li> </ul>	<ul style="list-style-type: none"> <li>●CTE: Trade &amp; Industrial: Tractor/Trailer Operation</li> <li>●Workplace Specialist: Tractor/Trailer Operation</li> </ul>	<ul style="list-style-type: none"> <li>●CTE: Trade &amp; Industrial Tractor/Trailer Operation 5-12</li> <li>●Workplace Specialist: Tractor/Trailer Operation 9-12</li> </ul>

Pathway	Course Number	Secondary Course Title	Subject Area	Course Abbreviation	Bulletin 400	Rules 46-47	Rules 2002	REPA/REPA3
Aviation Mgmt	7214	Principles of Aviation Management	Transportation	PRIN AVI MAN	●Standard Trade & Industrial: Aircraft Operations K-12	●Standard Trade & Industrial: Aircraft Operations 9-12 ●Occupational Specialist I, II or III: Aircraft Operations 9-12	●OTE: Trade & Industrial: Aviation Operations ●Workplace Specialist: Aviation Operations	●OTE: Trade & Industrial Aviation Operations 5-12 ●Workplace Specialist: Aviation 9-12
Aviation Mgmt	7217	Private Pilot Theory	Transportation	PVT PLT THRY	●Standard Trade & Industrial: Aircraft Operations K-12	●Standard Trade & Industrial: Aircraft Operations 9-12 ●Occupational Specialist I, II or III: Aircraft Operations 9-12	●OTE: Trade & Industrial: Aviation Operations ●Workplace Specialist: Aviation Operations	●OTE: Trade & Industrial Aviation Operations 5-12 ●Workplace Specialist: Aviation 9-12
Aviation Mgmt	7207	Aviation Safety and Operations	Transportation	AVI SAF OPS	●Standard Trade & Industrial: Aircraft Operations K-12	●Standard Trade & Industrial: Aircraft Operations 9-12 ●Occupational Specialist I, II or III: Aircraft Operations 9-12	●OTE: Trade & Industrial: Aviation Operations ●Workplace Specialist: Aviation Operations	●OTE: Trade & Industrial Aviation Operations 5-12 ●Workplace Specialist: Aviation 9-12
Aviation Mgmt	7385	Aviation Management Capstone	Transportation	AVI MGMT CAP	●Standard Trade & Industrial: Aircraft Operations K-12	●Standard Trade & Industrial: Aircraft Operations 9-12 ●Occupational Specialist I, II or III: Aircraft Operations 9-12	●OTE: Trade & Industrial: Aviation Operations ●Workplace Specialist: Aviation Operations	●OTE: Trade & Industrial Aviation Operations 5-12 ●Workplace Specialist: Aviation 9-12