



CAREER PATHWAYS 2016-2017

CTE Specialist:
Colleen Bennett
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AGRICULTURAL EDUCATION

Agricultural Systems Technology

CIP #	Course Description	Teacher	Credits 3 Total	Planning Guide
	Foundation Courses		2 credits required	Intended Grades
01.0211	Ag. Mechanics 1	Lamb	1.00	10-12
01.0221	Ag. Mechanics 2	Lamb	1.00	11-12
	Electives		1 credit required	
01.0311	Ag. Science	Lamb	1.00	9-12
02.0112	Bio-Ag. Science	Lamb	1.00	10-12
52.0511	Business Comm. 1	B. White	1.00	11-12
08.0211	Leadership Prin.	B. White	1.00	11-12
32.0199	Workplace Skills	B. White	.50	11-12

Food Production & Processing System

CIP #	Course Description	Teacher	Credits 3 Total	Planning Guide
	Foundation Courses		Only 2 credits required	Intended Grades
01.0311	Ag. Science 1	Lamb	1.00	9-12
02.0211	Animal Science 1	Lamb	1.00	10-12
02.0411	Plant & Soil Science (Greenhouse)	Lamb	1.00	10-12
	Electives		1 credit required	
02.0112	Bio-Ag. Science	Lamb	1.00	10-12
52.0511	Business Comm. 1	B. White	1.00	11-12
08.0211	Leadership Prin.	B. White	1.00	11-12
32.0199	Workplace Skills	B. White	.50	11-12

Animal Systems (2017)

CIP #	Course Description	Teacher	Credits 3 Total	Planning Guide
	Foundation Courses		Only 2 credits required	Intended Grades
02.0221	Equine Science	Lamb	1.00	9-12
02.0211	Animal Science 1	Lamb	1.00	10-12
02.0231	Vet. Assistant 1	Lamb	1.00	11-12
	Electives		1 credit required	
01.0311	Ag. Science 1	Lamb	1.00	9-12
02.0112	Bio-Ag. Science	Lamb	1.00	10-12
52.0511	Business Comm. 1	B. White	1.00	11-12
08.0211	Leadership Prin.	B. White	1.00	11-12
32.0199	Workplace Skills	B. White	.50	11-12

BUSINESS AND MARKETING

Travel and Hospitality

CIP #	Course Description	Teacher	Credits 3 Total	Planning Guide
	Foundation Courses		1 credit required	Intended Grades
08.0711	Marketing 1	B. White	.50	10-12
08.0901	Travel & Hosp.	Kane	.50	10-12
	Electives		2 credits required	
52.0312	Accounting	Kane	.50	10-12
52.0621	Entrepreneurship	Kane	.50	10-12
20.0411	ProStart 1	McKnight	1.00	10-12
08.0903	Sports & Marketing	B. White	.50	12
32.0199	Workplace Skills	B. White	.50	11-12

Entrepreneurship and Management

CIP #	Course Description	Teacher	Credits 3 Total	Planning Guide
	Foundation Courses		1 credit required	Intended Grades
52.0441	Business Law	Kane	.50	10-12
52.0621	Entrepreneurship	Kane	.50	10-12
	Electives		2 credits required	
52.0312	Accounting 1	Kane	.50	10-12
08.0711	Marketing 1	B. White	.50	10-12
52.0511	Business Comm. 1	B. White	.50	11-12
08.0211	Leadership Prin.	B. White	.50	11-12
32.0199	Workplace Skills	B. White	.50	11-12

Marketing

CIP #	Course Description	Teacher	Credits 3 Total	Planning Guide
	Foundation Courses		1 credit required	Intended Grades
08.0711	Marketing 1	B. White	.50	10-12
08.0709	Marketing 2	B. White	.50	10-12
	Electives		2 credits required	
52.0111	Exp. Bus. & Market.	Kane	.50	9
52.0312	Accounting 1	Kane	.50	10-12
52.0611	Economics	Griffith	.50	10-12
08.0901	Travel & Hosp.	Kane	.50	10-12
52.0211	Business Management	Griffith	.50	11-12
08.0211	Leadership Principles	B. White	.50	11-12
32.0199	Workplace Skills	B. White	.50	11-12

Business Administrative & Technical Support (2017)

CIP #	Course Description	Teacher	Credits 3 Total	Planning Guide
	Foundation Courses		1 credit required	Intended Grades
52.0419	Computer Tech. 2	TBD	.50	10-12
52.0511	Business Comm.	B. White	.50	11-12
	Electives		2 credits required	
52.0111	Exp. Bus. & Market.	Kane	.50	9
52.0312	Accounting 1	Kane	.50	10-12
52.0447	Desktop Pub. 1	Kane	.50	10-12
52.0457	Desktop Pub. 2	Kane	.50	10-12
11.0210	Digital Media	D White	.50	10-12
52.0211	Business Manag.	Griffith	.50	11-12
32.0199	Workplace Skills	B. White	.50	11-12

FAMILY & CONSUMER SCIENCE

Interior Design (2017)

CIP #	Course Description	Teacher	Credits 3 Total	Planning Guide
	Foundation Courses		1 credit required	Intended Grades
20.0113	Clothing 1	Staff	.50	9-12
20.0110	Interior Design 1	Bridges	.50	10-12
20.0210	Interior Design 2	Bridges	.50	10-12
	Electives		2 credits required	
15.1341	CAD Archt. Design 1	Ludwig	.50	10-12
15.1342	CAD Archt. Design 2	Ludwig	.50	10-12
48.0702	Furniture Design & Man.	Karlsven	1.00	10-12
52.0621	Entrepreneurship	Kane	.50	10-12
32.0199	Workplace Skills	B. White	.50	11-12

Food Services & Culinary Arts

CIP #	Course Description	Teacher	Credits 3 Total	Planning Guide
	Foundation Courses		2 credits required	Intended Grades
20.0108	Food & Nutrition 1	McKnight	.50	9-12
20.0118	Food & Nutrition 2	McKnight	.50	9-12
20.0411	ProStart 1	McKnight	1.00	10-12
	Electives		1 credit required	
08.0901	Travel & Hospitality	Kane	.50	10-12
52.0621	Entrepreneurship	Kane	.50	10-12
32.0199	Workplace Skills	B. White	.50	11-12

*Course can be taken up to 1.00 credit.

Family and Human Services

CIP #	Course Description	Teacher	Credits 3 Total	Planning Guide
	Foundation Courses		Only 1.5 credits required	Intended Grades
20.0102	Child Development	Bridges	.50	9-12
20.0108	Food & Nutrition 1	McKnight	.50	9-12
20.0117	Adult Roles & Financial Literacy	Harrison	1.00	11-12
	Electives		1.5 credits required	
20.0137	Teen Living	Harrison	.50	9
20.0118	Food & Nutrition 2	McKnight	.50	9-12
32.0199	Workplace Skills	B. White	.50	11-12

Early Childhood Education

CIP #	Course Description	Teacher	Credits 3 Total	Planning Guide
	Foundation Courses		Only 1.5 credits required	Intended Grades
20.0102	Child Development	Bridges	.50	9-12
20.0108	Food & Nutrition 1	McKnight	.50	9-12
20.0201	Early Child. Ed. 1	Bridges	1.00	11-12
	Electives		1.5 credits required	
20.0118	Food & Nutrition 2	McKnight	.50	9-12
52.0312	Accounting 1	Kane	.50	10-12
20.0117	Adult Roles & Financial Literacy	Harrison	1.00	11-12
20.0211	Early Child. Ed. 2*	Bridges	.50	12
32.0199	Workplace Skills	B. White	.50	11-12

Fashion Design, Manufacturing, & Merchandising

CIP #	Course Description	Teacher	Credits 3 Total	Planning Guide
	Foundation Courses		Only 1.5 credits required	Intended Grades
20.0306	Fashion Design (Designer Sewing)	Bridges	.50	9-12
20.0113	Clothing 1	Staff	.50	9-12
20.0103	Sports Sewing	Bridges	.50	9-12
20.0213	Clothing 2	Staff	.50	9-12
	Electives		1.5 credits required	
52.0312	Accounting 1	Kane	.50	10-12
52.0621	Entrepreneurship	Kane	.50	10-12
32.0199	Workplace Skills	B. White	.50	11-12

Food Science, Dietetics & Nutrition (2017)

CIP #	Course Description	Teacher	Credits 3 Total	Planning Guide
	Foundation Courses		Only 1.5 credits required	Intended Grades
20.0108	Food & Nutrition 1	McKnight	.50	9-12
20.0118	Food & Nutrition 2	McKnight	.50	9-12
20.0128	Food Science	TBD	.50	9-12
	Electives		1.5 credits required	
20.0101	Child Development	Bridges	.50	9-12
52.0621	Entrepreneurship	Kane	.50	10-12
32.0199	Workplace Skills	B. White	.50	11-12

HEALTH SCIENCE EDUCATION

Therapeutic Rehabilitation/Exercise

CIP #	Course Description	Teacher	Credits 3 Total	Planning Guide
	Foundation Courses		2 credits required	Intended Grades
51.0913	Exercise Science/ Sports Medicine	Bezzant	1.00	11-12
51.1399	Medical Anatomy & Physiology	Anderson	1.00	11-12
	Electives		1 credit required	
51.0001	Health Science Intro.	Bezzant	.50	9-12
51.0810	Emergency Medical Responder	Bezzant	.50	10-12
51.0799	Medical Terminology	IVC	.50	11-12
51.1199	Health Science Advanced*	IVC	.50	11-12
32.0199	Workplace Skills	B. White	.50	11-12

Nursing

CIP #	Course Description	Teacher	Credits 3 Total	Planning Guide
	Foundation Courses		1 credit required	Intended Grades
51.0799	Medical Terminology	IVC	.50	11-12
51.1614	Nurse Assistant*	MATC	.50	12
	Electives		2 credits required	
20.0108	Food & Nutrition 1	McKnight	.50	9-12
20.0118	Food & Nutrition 2	McKnight	.50	9-12
51.0001	Health Science Intro.	Bezzant	.50	9-12
51.0810	Emergency Medical Responder	Bezzant	.50	10-12
51.1399	Medical Anatomy & Physiology	IVC	1.00	11-12
51.1199	Health Science Advanced.	IVC	.50	11-12
32.0199	Workplace Skills	B. White	.50	11-12

Medical Office Admin. Asst.

CIP #	Course Description	Teacher	Credits 3 Total	Planning Guide
	Foundation Courses		1 credit required	Intended Grades
51.0703	Medical Office Admin. Asst.	MATC	1.00	12
	Electives		2 credits required	
51.0001	Health Science Intro.	Bezzant	.50	9-12
51.1399	Medical Anatomy & Physiology	Anderson	1.00	11-12
51.0799	Medical Terminology	IVC	.50	11-12
51.1199	Health Science Advanced	IVC	.50	11-12
32.0199	Workplace Skills	B. White	.50	11-12

Medical Asst.

CIP #	Course Description	Teacher	Credits 3 Total	Planning Guide
	Foundation Courses		2 credits required	Intended Grades
51.0801	Medical Assistant	MATC	2.00	12
	Electives		1 credit required	
51.0001	Health Science Intro.	Bezzant	.50	9-12
51.0810	Emergency Medical Responder	Bezzant	.50	10-12
51.1399	Medical Anatomy & Physiology	IVC	1.00	11-12
32.0199	Workplace Skills	B. White	.50	11-12

Dental Asst.

CIP #	Course Description	Teacher	Credits 3 Total	Planning Guide
	Foundation Courses		2 credits required	Intended Grades
51.0601	Dental Assistant	MATC	2.00	12
	Electives		1 credit required	
20.0108	Food & Nutrition 1	McKnight	.50	9-12
20.0118	Food & Nutrition 2	McKnight	.50	9-12
51.0001	Health Science Intro.	Bezzant	.50	9-12
51.1399	Medical Anatomy & Physiology	IVC	1.00	11-12
51.0799	Medical Terminology	IVC	.50	11-12
32.0199	Workplace Skills	B. White	.50	11-12

Emergency Medical Technician (EMT)

CIP #	Course Description	Teacher	Credits 3 Total	Planning Guide
	Foundation Courses		2 credits required	Intended Grades
51.0904	Emergency Medical Technician	MATC	2.00	12
	Electives		1 credit required	
51.0001	Health Science Intro.	Bezzant	.50	9-12
51.0810	Emergency Medical Responder	Bezzant	.50	10-12
51.1399	Medical Anatomy & Physiology	IVC	1.00	11-12
51.0799	Medical Terminology	IVC	.50	11-12
32.0199	Workplace Skills	B. White	.50	11-12

*Course can be taken up to 1.00 credit.

Surgical Technician

CIP #	Course Description	Teacher	Credits 3 Total	Planning Guide
	Foundation Courses		2 credits required	Intended Grades
51.0909	Surgical Technician	MATC	2.00	12
	Electives		1 credit required	
51.0001	Health Science Intro.	Bezzant	.50	9-12
51.0810	Emergency Medical Responder	Bezzant	.50	10-12
51.1399	Medical Anatomy & Physiology	IVC	1.00	11-12
51.0799	Medical Terminology	IVC	.50	11-12
51.1199	Health Science Adv.*	IVC	.50	11-12
32.0199	Workplace Skills	B. White	.50	11-12

Pharmacy Tech

CIP #	Course Description	Teacher	Credits 3 Total	Planning Guide
	Foundation Courses		2 credits required	Intended Grades
51.0805	Pharmacy Tech	MATC	2.00	12
	Electives		2 credits required	
51.0001	Health Science Intro	Bezzant	.50	9-12
51.1399	Medical Anatomy & Physiology	IVC	1.00	11-12
51.0799	Medical Terminology	IVC	.50	11-12
51.1199	Health Science Advanced	IVC	.50	11-12
32.0199	Workplace Skills	B. White	.50	11-12

INFORMATION TECHNOLOGY EDUCATION

Programming/Software Dev.

CIP #	Course Description	Teacher	Credits 3 Total	Planning Guide
	Foundation Courses		Only 2 credits required	Intended Grades
11.0701	Exploring Computer Science	Corbett Davis	.50	9-12
11.0201	Computer Prog. 1	Corbett	1.00	10-12
11.0202	Computer Prog. 2	Corbett	1.00	11-12
	Electives		1 credit required	
52.0621	Entrepreneurship	Kane	.50	10-12
32.0199	Workplace Skills	B. White	.50	11-12

SKILLED AND TECHNICAL

Television Broadcasting Technician

CIP #	Course Description	Teacher	Credits 3 Total	Planning Guide
	Foundation Courses		Only 1 credit required	Intended Grades
10.0201	TV Broadcasting 1	Durrant	.50	10-12
10.0203	TV/Video Production	Durrant	.50	10-12
10.0202	TV Broadcasting 2	Durrant	.50	11-12
	Electives		2 credits required	
52.0312	Accounting 1	Kane	.50	10-12
52.0408	Advanced Comm. Photo (Yearbook)	Mills	.50	10-12
50.0407	Photo 1	Mills	.50	10-12
11.0201	Computer Program 1	D. White	1.00	10-12
11.0210	Digital Media	D. White	1.00	10-12
52.0621	Entrepreneurship	Kane	.50	10-12
32.0199	Workplace Skills	B. White	.50	11-12

Commercial Photography

CIP #	Course Description	Teacher	Credits 3 Total	Planning Guide
	Foundation Courses		Only 1 credit required	Intended Grades
50.0407	Photo 1*	Mills	.50	10-12
50.0408	Advanced Comm. Photo (Yearbook)*	Mills	.50	10-12
	Electives		2 credits required	
52.0312	Accounting 1	Kane	.50	10-12
11.0210	Digital Media	D. White	1.00	10-12
52.0621	Entrepreneurship	Kane	.50	10-12
10.0201	TV Broad./Live Prod.	Durrant	1.00	10-12
10.0203	TV/Video	Durrant	.5	10-12
15.1351	CAD Mech. Design	Ludwig	.5	10-12
52.0211	Bus. Management	Griffith	.50	11-12
32.0199	Workplace Skills	B. White	.50	11-12

Cabinetmaking/Woodwork

CIP #	Course Description	Teacher	Credits 3 Total	Planning Guide
	Foundation Courses		1 credit required	Intended Grades
48.0701	Woodworking	Karlsven	.50	9-12
48.0702	Furniture Design	Karlsven	.50	10-12
	Electives		2 credits required	
52.0312	Accounting 1	Kane	.50	10-12
15.1341	CAD Arch. Design 1	Ludwig	.50	10-12
15.1351	CAD Mech. Design 1	Ludwig	.50	10-12
52.0621	Entrepreneurship	Kane	.50	10-12
32.0199	Workplace Skills	B. White	.50	11-12

Protective Services

CIP #	Course Description	Teacher	Credits 3 Total	Planning Guide
	Foundation Courses		1 credit required	Intended Grades
51.0810	Emerg. Medical Responder	Bezzant	.50	10-12
43.0107	Law Enforcement*	Peterson	.50	10-12
	Electives		2 credits required	
50.0407	Basic Digital Photo*	Mills	.50	10-12
15.1351	CAD Architectural Design 1	Ludwig	.50	
10.0203	TV/Video Prod.	Durrant	.50	10-12
32.0199	Workplace Skills	B. White	.50	11-12

Cosmetology/Barbering

CIP #	Course Description	Teacher	Credits 3 Total	Planning Guide
	Foundation Courses		2 credits required	Intended Grades
12.0403	Cosmetology	MATC	2.00	12
	Electives		1 credit required	
52.0312	Accounting 1	Kane	.50	10-12
52.0621	Entrepreneurship	Kane	.50	10-12
12.0410	Nail Tech.	MATC	1.00	12
32.0199	Workplace Skills	B. White	.50	11-12

Esthetician/Nail

CIP #	Course Description	Teacher	Credits 3 Total	Planning Guide
	Foundation Courses		1 credit required	Intended Grades
12.0410	Nail Technician	MATC	1.00	12
	Electives		2 credits required	
52.0312	Accounting 1	Kane	.50	10-12
52.0621	Entrepreneurship	Kane	.50	10-12
52.0211	Business Management	Griffith	.50	11-12
32.0199	Workplace Skills	B. White	.50	11-12

Welding

CIP #	Course Description	Teacher	Credits 3 Total	Planning Guide
	Foundation Courses		1 credit required	Intended Grades
48.0508	Welding Tech. - Entry Level	MATC	.50	12
48.0510	Welding Tech. - Intermediate Level*	MATC	.50	12
	Electives		2 credits required	
52.0312	Accounting 1	Kane	.50	10-12
15.1351	CAD Mech. 1	Ludwig	.50	10-12
15.1352	CAD Mech. 2	Ludwig	.50	10-12
52.0621	Entrepreneurship	Kane	.50	10-12
52.0211	Business Management	Griffith	.50	11-12
32.0199	Workplace Skills	B. White	.50	11-12

TECHNICAL AND ENGINEERING EDUCATION

Engineering

CIP #	Course Description	Teacher	Credits 3 Total	Planning Guide
	Foundation Courses		2 credits required	Intended Grades
14.1551	Engineering Prin. 1	Ludwig	.50	9-12
15.1351	CAD Mech. Design 1	Ludwig	.50	10-12
15.1352	CAD Mech. Design 2	Ludwig	.50	10-12
14.1552	Engineering Prin. 2	Ludwig	.50	10-12
	Electives		1 credit required	
14.4231	Robotics 1	Ludwig	.50	10-12
32.0199	Workplace Skills	B. White	.50	11-12

Robotics (2017)

CIP #	Course Description	Teacher	Credits 3 Total	Planning Guide
	Foundation Courses		2 credits required	Intended Grades
14.4231	Robotics 1	Ludwig	.50	10-12
14.4232	Robotics 2	Ludwig	.50	10-12
	Electives		1 credit required	
15.1341	CAD Arch. Design 1	Ludwig	.50	10-12
15.1351	CAD Mech. Design 1	Ludwig	.50	10-12
11.0201	Computer Prog. 1	Corbett	1.00	10-12
14.1211	Physics with Tech	Baker	1.00	10-12
32.0199	Workplace Skills	B. White	.50	11-12