

Cluster	Pathway/Program of Study	DOE Code	Concentrator Course A	DOE Code	Concentrator Course B
			Choose a concentration area if multiple courses are listed		Choose a concentration area if multiple courses are listed
Agriculture	Agriculture Power, Structure and Technology Systems	5088	Agriculture Power, Structure and Technology	5002	Agribusiness Management
Agriculture	Animal Systems	5070	Advanced Life Science: Animals (L)	5002	Agribusiness Management
Agriculture	Food Products and Processing Systems	5072	Advanced Life Science: Foods(Chemistry of Foods) (L)	5002	Agribusiness Management
Agriculture	Horticulture/ Landscape	5132	Horticultural Science	5136	Landscape Management I
Agriculture	Landscape	5136	Landscape Management I	5137	Landscape Management II
Agriculture	Natural Resource Systems	5180	Natural Resources	5229	Sustainable Energy Alternatives*
Agriculture	Plant Systems	5074	Advanced Life Science: Plants and Soils (L)	5002	Agribusiness Management
Architecture and Construction	Architectural Drafting and Design	5640	<u>Architectural Drafting and Design I</u>	5652	<u>Architectural Drafting and Design II</u>
Architecture and Construction	Housing and Interior Design	5352	Housing and Interior Design Careers I	5460	Housing and Interior Design Careers II
Architecture and Construction	Building and Facilities Mgmt	5592	Building and Facilities Management I	5595	Building & Facilities Management II
Architecture and Construction	Building and Facilities Maint	5593	Building & Facilities Maintenance I	5594	Building & Facilities Maintenance II
Architecture and Construction	Comm and Residential Facilities Mgmt	5472	Residential Property Management Careers I	5858	Residential Property Management Careers II
Architecture and Construction	Construction	5580	Construction Trades I	5578	Construction Trades II
Architecture and Construction	Electrical	4830	Construction Trades: Electrical I	4832	Construction Trades: Electrical II
Architecture and Construction	Energy	5616	Energy Industry I	5618	Energy Industry II
Architecture and Construction	Heavy Equipment	5497	Construction Trades: Heavy Equipment I	5495	Construction Trades: Heavy Equipment II
Architecture and Construction	HVAC	5496	Construction Technology HVAC I	5498	Construction Technology HVAC II

Architecture and Construction	Mechanical	4836	Mechanical Drafting and Design I	4838	Mechanical Drafting and Design II
Arts, AV Tech and Comm	Commercial Photography	5570	Commercial Photography	5550	Graphic Design and Layout
Arts, AV Tech and Comm	Fashion Textiles and Design	5420	Fashion and Textile Careers I	5421	Fashion and Textile Careers II
Arts, AV Tech and Comm	Interactive Media	5232	Interactive Media	5550	Graphic Design and Layout
				5570	Commercial Photography
Arts, AV Tech and Comm	Graphic Imaging	5232	Interactive Media	5572	Graphic Imaging Technology
				5550	Graphic Design and Layout
Arts, AV Tech and Comm	Radio TV	5986	Radio and Television I	5992	Radio and Television II
Business and Marketing	Accounting	4562	Principles of Business Management	4522	Advanced Accounting
Business and Marketing	Banking/Finance	4522	Advanced Accounting	5258	Banking and Investment Capstone
Business and Marketing	E&M Business Mgmt Focus	4562	Principles of Business Management	5966	Entrepreneurship and New Ventures Capstone
		5914	Principles of Marketing		
Business and Marketing	Office Mgmt	4562	Principles of Business Management	5268	Administrative and Office Management
Business and Marketing	MM-Marketing	5914	Principles of Marketing	5918	Strategic Marketing
Ed and Training	Early Childhood	5412	Early Childhood Education I	5406	Early Childhood Education II
Ed and Training	Education Careers	5408	Education Professions I	5404	Education Professions II
Health Sciences	Biomed/Tech	5216	PLTW Human Body Systems	5217	PLTW Medical Interventions
Health Sciences	Dental	5203	Dental Careers I	5204	Dental Careers II
Health Sciences	Dietetics	5456	Nutrition Science Careers I	5457	Nutrition Science Careers II

Health Sciences	Health Career / Med Forensics	5282	Health Science Education I	5288	Health Science Education II: Medical Forensics
Health Sciences	Health Career / Athletic Training	5282	Health Science Education I	5290	Health Science Education II: Athletic Training
Health Sciences	Pharmacy	5282	Health Science Education I	5214	Health Science II: Pharmacy
Health Sciences	Physical Therapy	5282	Health Science Education I	5215	Health Science II: Physical Therapy
Health Sciences	Nursing	5282	Health Science Education I	5284	Health Science Education II: Nursing
Health Sciences	Vet	5211	Veterinary Careers I	5212	Veterinary Careers II
Hospitality and Human Services	Cosmo	5802	Cosmetology I	5806	Cosmetology II
Hospitality and Human Services	Culinary Arts	5440	Culinary Arts and Hospitality I	5346	Culinary Arts and Hospitality II: Culinary Arts
Hospitality and Human Services	Hospitality Mgmt	5440	Culinary Arts and Hospitality I	5458	Culinary Arts and Hospitality II: Hospitality Management
Hospitality and Human Services	Human and Social Services	5336	Human and Social Services I	5462	Human and Social Services II
STEM/Information Tech	Computer Science/Programming	4801	Computer Science I	5236	Computer Science II
				5250	Computer Science III: Databases
				5251	Computer Science III: Informatics
				5249	Computer Science III: Software Development Capstone
				5253	Computer Science III: Cybersecurity Capstone
Information Tech	Networking	5234	Networking I	4588	Networking II: Infrastructure
					Networking II: Servers
					Networking II: Cybersecurity Capstone
Information Tech	PC Support/IT Tech	5230	Information Technology Support	5234	Networking I

Manuf and Logistics	Advanced Manuf	5608	Advanced Manufacturing I	5606	Advanced Manufacturing II
Manuf and Logistics	Electronics	5684	Electronics and Computer Technology I	5694	Electronics and Computer Technology II
Manufacturing and Logistics	Industrial Technical Maint	5686	Industrial Technical Maintenance I	5688	Industrial Technical Maintenance II
Manuf and Logistics	Robotics	5610	Industrial Automation and Robotics I	5612	Industrial Automation and Robotics II
Manuf and Logistics	Logistics and Supply Chain	5602	Warehouse Operations and Materials Handling	5601	Supply Chain Management and Logistics
Manuf and Logistics	Machine Tech	5782	Precision Machining I	5784	Precision Machining II
Manuf and Logistics	Welding	5776	Welding Technology I	5778	Welding Technology II
Public Safety	Crim Just	5822	Criminal Justice I	5824	Criminal Justice II Advanced
Public Safety	EMT/Paramedic	5282	Health Science Education I	5210	Emergency Medical Services
		5820	Fire and Rescue I	5210	Emergency Medical Services
Public Safety	Fire and Rescue	5820	Fire and Rescue I	5826	Fire and Rescue II
STEM	Engineering	4814/ 5644	Principles of Engineering PLTW/ non PLTW	4820/ 5650	Civil Engineering and Architecture PLTW/ non PLTW
				4816/ 5518	Aerospace Engineering PLTW/ non PLTW
				4810/ 5534	Computer Integrated Manufacturing PLTW/ non PLTW
				4826/ 5538	Digital Electronics PLTW/ non PLTW
STEM	Engineering	4814/ 5644	Principles of Engineering PLTW/ non PLTW	4818	Environmental Sustainability
Transportation	Auto Collision	5514	Automotive Collision Repair I	5544	Automotive Collision Repair II
Transportation	Auto Tech	5510	Automotive Services Technology I	5546	Automotive Services Technology II
Transportation	Aviation flight and Operations	5524	Aviation Flight	5528	Aviation Operations

Transportation	Aviation Maint	5520	Aviation Maintenance I	5522	Aviation Maintenance II
Transportation	Diesel Services Tech	5620	Diesel Service Technology I	5624	Diesel Service Technology II
Transportation	Recreation and Mobile Equip	5842	Recreational and Mobile Equipment I	5844	Recreational and Mobile Equipment II
Transportation	Tractor Trailer Operations	5620	Diesel Service Technology I	5622	Tractor/Trailer Operation
		5510	Automotive Services Technology I		
		5497	Construction Trades: Heavy Equipment I		