DCHS NLPS Pathways

Pathway	Principles Course	DOE Course	Concentrator A	DOE Course	Concentrator B	DOE Course	Capstone (not required for graduation)	DOE Course
Agriculture, Food & Natural Resources	Principles of Agriculture	7117	Animal Science	5008	Food Science	5102	Agriculture Biotechnology Capstone	7230
					Advanced Life Science: Animals	5070	Agriculture Research Capstone	7262
Biomedical Sciences	Principles of Biomedical Sciences	5218	Human Body Systems	5216	Medical Interventions	5217	Biomedical Innovation	5219
			Anatomy & Physiology	5276				
Construction - Carpentry	Principles of Construction Trades	7130	Construction Trades: General Carpentry	7123	Construction Trades: Framing and Finishing	7122	Construction Trades Capstone	7242
Construction - Electrical	Principles of Construction Trades	7130	Electrical Fundamentals	7124	Advanced Electrical	7119	Construction Trades Electrical Capstone	7263
Criminal Justice	Principles of Criminal Justice	7193	Law Enforcement Fundamentals	7191	Corrections & Cultural Awareness	7188	Criminal Justice Capstone	7231
Digital Design	Principles of Digital Design	7140	Digital Design Graphics	7141	Graphic Design & Layout	5550	Digital Design Capstone	7246
					Professional Photography & Videography	7136		
Early Childhood	Principles of Early Childhood Education	7160	Early Childhood Education Curriculum	7158	Early Childhood Education Guidance	7159	Early Childhood Education Capstone	7259
Education Careers	Principles of Teaching	7161	Child and Adolescent Development	7157	Teaching and Learning	7162	Education Professions Capstone	7267
Engineering	Introduction to Engineering Design	4802	Principles of Engineering	5644	Civil Engineering & Architecture	5650	Engineering Design & Development	5698
					Environmental Sustainability	4818		
Exercise Science	Principles of Exercise Science	7320	Kinesiology	7321	Human Performance	7322	Physical Therapy Capstone	7323
Marketing & Sales	Principles of Business Management	4562	Marketing Fundamentals	5914	Strategic Marketing	5918	Business Management Capstone	7201
Industry 4.0 - Smart Manufacturing	Principles of Industry 4.0 - Smart Manuf	7220	Robotics Design & Innovation	4728	Smart Manufacturing Systems	7100	Industry 4.0 - Smart Manuf Capstone	7222
Radio & Television	Principles of Broadcasting	7139	Audio & Video Production Essentials	7306	Mass Media Production	7307	Radio & TV Broadcasting Capstone	7308
Software Development	Principles of Computing	7183	Website and Database Development	7185	Software Development	7184	Software Development Capstone	
Locally Created Pathway: Civic Arts	Beginning Band	4160	Intermediate Band	4168	Advanced Band	4170	Internship & ePortfolio AND Principles of Teaching (7161) OR of Business Management (4562) required	Principles
	Beginning Choir	4182	Intermediate Choir	4186	Advanced Choir	4188		
	Theatre Arts	4242	Theatre Production	4248	Advanced Technical Theatre or Theatre Arts	4252 or 4240		
	Introduction to 2D Art	4000	Introduction to 3D Art	4002	Advanced 2D or Advanced 3D Art	4006 or 4004		