

Engineering Pathways

Version 2.0 Updated 9/24	Architecture & Construction		Engineering		
Careers related to:	Architecture Construction Management Engineering		Mechanical Manufacturing Electronics Robotics		
Level	Additional/ Optional/ Recommended Courses	Architecture, Construction, Engineering	Design Engineering & Manufacturing		Additional/ Optional/ Recommended Courses
Beginning	Intro to Architectural CAD (H/L)(9-12) Intro to Construction	Introduction to Engineering Design (IED) (H/L/CC)(9-12)(DMACC)	Introduction to Engineering Design (IED) (H/L/CC)(9-12)(DMACC)		Intro to Electronics & Robotics (CC)(9-12) Intro to Engineering CAD (H/L)(9-12)
Intermediate	Principles of Engineering (POE) (H/L/CC)(10-12) (DMACC)	Computer Aided Design Technology (CAD Tech) (10-12)(CC) (Full Year)(DMACC)	Principles of Engineering (POE) (H/L/CC)(10-12) (DMACC)		Computer Aided Design Technology (CAD Tech) (10-12)(CC)(Full Year)(DMACC)
Advanced	Carpentry Electrical Plumbing	Civil Engineering & Architecture (CEA) (CC)(11-12)(Full Year)(DMACC)	Digital Electronics (DE) (CC)(10-12)(DMACC)	Computer Integrated Manufacturing (CIM) (CC)(10-12)(DMACC)	Welding Materials Processing (Woods/ Metals)
Art	Art	Engineering Capstone (CC)(12) Or Other Advanced Courses	Engineering Capstone (CC)(12) Or Other Advanced Courses		