



PCCA Programs

Freshman Sophomore Junior Senior

COMPARISON CHART

PATHWAY	SEMESTER 1	SEMESTER 2	SEMESTER 3	SEMESTER 4- OPTIONAL	SEMESTER 5-OPTIONAL
Mechatronics	Intro to Mechatronics 9 10 11 12	AC Theory 9 10 11 12	Semiconductors 9 10 11 12	DC/AC CIRCUITS (DUAL ENROLLMENT) 11 12 *DE Course can be taken at any time. No prerequisites*	Industrial Wiring IDSY 1130 (Dual Enrollment) 11 12
Energy	Foundations of Energy 9 10 11 12	Energy and Power 12	Energy Systems 12	*If you begin as a freshman or sophomore, you will not finish the pathway until Senior year. Courses 2 and 3 are for Seniors ONLY	
Cybersecurity	Intro to Hardware Tech 9 10 11 12	Intro to Cybersecurity 9 10 11 12	Advanced Cybersecurity 9 10 11 12	You must take the CompTia Security+ Certification Exam at the end of this pathway	
CNA <i>Admitted by application only</i>	NAST 2100 (Dual Enrollment Course) 11 12	ALHS 1090 & ALHS 1060 11 12	ALHS 1011 11 12	Patient Care Tech PCTA 1100 12 2 nd Semester-Seniors ONLY	You must have completed and passed Intro to Healthcare and Essentials of Healthcare *Must be at least 16 to begin pathway*
CMA <i>Admitted by application only</i>	Healthcare Communication ALHS 1140 12	Mast 1061 Front office & Legal Implications 12	You must have completed and passed: Intro to Healthcare and Essentials of Healthcare. This pathway is for <u>Seniors</u> ONLY		
Teaching as a Profession	ED 2130 Exploring Education 10 11 12	ED 2110 Critical & Contemporary Issues in Education 10 11 12	TEACHING AS A PROFESSION 10 11 12	10 th grade students are not eligible to take the Dual Enrollment course, but can begin the pathway on our campus for high school credit.	
Unmanned Aircraft Systems	Fundamentals of Aerospace 9 10 11 12	Flight Operations 1 9 10 11 12	Unmanned Aircraft Systems 9 10 11 12		