

Partnership for College and Career Success/Illinois Central College
2009-2010



Cluster: Manufacturing

Pathway: Manufacturing

Production Process Development

Associate in Applied Science: Electronic Technology

Program of Study

High School:					Illinois Central College	
SUBJECT	9	10	11	12	Freshman	Sophomore
English	English 1	English 2/ Speech	English 3	English 4	MATH 130: TECHNICAL ALGEBRA AND TRIGONOMETRY ELCTK 140: D.C. CIRCUITS ELCTK 145: FUNDAMENTAL DIGITAL ELECTRONICS ENGL 110: COMP 1 ELCTK 141: A.C. CIRCUITS ELCTK 144: SOLID STATE ELECTRONICS PHYS 112: TECHNICAL PHYSICS I MATH 137: TECHNICAL CALCULUS	ELCTK 112: ELECTRONIC CAD APPLICATIONS I ELCTK 230: ADVANCED SOLID STATE ELECTRONICS ELCTK 245: MICROPROCESSORS ELCTK 220: TRANSDUCERS AND ELECTRONIC INSTRUMENTS PHYS 113: TECHNICAL PHYSICS II ENGL 201: TECHNICAL COMMUNICATIONS ELCTK 255: INDEPENDENT STUDY Humanities; Social Science; Electronics Electives
Math	Algebra 1	Geometry	Algebra II/ Trigonometry	Pre- Calculus/ Analytical Geometry		
Science	Physical Science	Biology	Chemistry	Physics		
Social Science		Geography	US History/ Gov't	World Geography		
Other Required	Heath.	Dr. Ed				
Tech Emphasis	Industrial Arts or Agriculture	I Industrial Arts or Agriculture	Industrial Arts or Agriculture	Industrial Arts or Agriculture		
Foreign Language	Level 1	Level 2				
Phys Ed	PE	PE	PE	PE		

Partnerships for College and Career Success—Combines high school College Prep and Technology Prep courses with a specific curriculum of study at Illinois Central College resulting in an Associate of Applied Science degree. College credit for high school coursework is possible through approved articulated courses agreements or dual credit courses.