



Lake Central High School

Cluster: Architecture and Construction

Pathway: Drafting/Design

Concentration: Architectural Drafting



GRADE	SUBJECT	Required Courses for Core 40 (with Honors Diploma **)					Recommended Courses and Electives		
		English/ Language Arts	Math	Science	Social Studies	Electives	Electives	Electives	Electives
9	S1	English 9	Algebra I or Geometry	Biology	Geo/History of the World or World History	Health	PE-Gym if not taken during the summer	Digital Applications and Responsibility	Intro to Engineering Design
						PE –Pool if not taken during the summer	Preparing for College and Careers		
10	S1	English 10	Geometry or Algebra II	Chemistry		**Fine Arts	3 years of 1 language or 2 years of 2 languages **World Language	Computer Science II	Principles of Engineering Design
	S2					**Fine Arts			
11	S1	English 11	Algebra II or Pre-Calculus	Physics	U.S. History	Personal Financial Responsibility	**World Language		Civil Engineering/Architecture
	S2					Housing and Interiors			
12	S1	English 12	Pre-Calculus or Calculus or Statistics		Government	**World Language			
	S2				Economics				

Six highlighted courses are required to complete concentration

Postsecondary Courses Aligned for Potential Dual Credit**

**See individual Course Frameworks for alignment of high school course standards and postsecondary course objectives

High School Course	Postsecondary Course
Computer Science II	CINS 121 Ivy Tech
Digital Applications and Responsibility	CINS 101 Ivy Tech