

Interests include: involving building design, construction technology, and computer aided drafting and design.



Name:

High School:

Plan of Study: Architectural/Residential Design



Grade	English/ Language Arts	Math	Science	Social Studies/ Sciences	Career and Technical Courses Central to this Pathway	Other Required Courses, Electives	Student Organizations/ Community Service		
Career Interest Inventory Administered and Program of Study Initiate for all Learners									
9						Required: <ul style="list-style-type: none"> ▪ Suggested: <ul style="list-style-type: none"> ▪ Algebra ▪ Architectural & Mechanical Drawing ▪ AutoCAD, Revit, SketchUp ▪ Construction related courses ▪ General Science 			
10									
11									
College Placement Assessments- Academic/ Career Advisement Provided (Accuplacer, ACT, SAT, etc.) Did you participate in the Youth Apprenticeship program?									
12									
Articulation/ Dual Credit Transcribed-Postsecondary courses may be taken/moved to the secondary level for articulation/dual credit purposes							Occupations Relating to this Pathway		
General Education Courses				Program Courses			Associate Degree: Designer/Drafter (Res/Comm) 3d Computer Modeling Estimator Building Inspections Surveyor Assistant General Contractor Sales (Retail/Wholesale) Contract Sales Wholesale Buyer Project Manager BIM (Building Information Modeling) Manager/Designer Green/LEED Designer		
13/14	College Technical Math IA College Physics 1	Oral/Interpersonal Communications College Technical Math 1B College Physics 2	Written Communications Psychology of Human Relations or Intro to Psychology	Economics or Intro to Ethics Intro to Sociology Psychology of Human Relations or Intro to Psychology	<ul style="list-style-type: none"> ▪ Residential Design 1 ▪ Construction Tech 1 ▪ Computer Graphics 2D AutoCAD 	<ul style="list-style-type: none"> ▪ Residential Design 2 ▪ Estimating 1 ▪ Surveying for Residential Design ▪ Intro to SketchUp 	<ul style="list-style-type: none"> ▪ Residential Design 3 ▪ Building Trades Statics ▪ Construction Tech 2 ▪ Electives (Intro to Revit) (Design/Presentation Techniques) 	<ul style="list-style-type: none"> ▪ Light Commercial Design ▪ Estimating 2 ▪ Construction Management ▪ Elective 	Bachelor's Degree: Architect Professional Engineer Project Engineers Managers Field Engineers Estimators Schedulers Professional Contractor Project Manager BIM (Building Information Modeling) Manager General Contractor