Electronic file located in Xello - "Course Planner"
Located at Olathe East
X: @OlatheDesign
Apply at: olatheschools.org/careerpathways

IPS — INDIVIDUAL PLAN OF STUDY

Design — Four-Year Academy

Graduation Requirements	9th Grade	Credits	10th Grade	Credits	11th Grade	Credits	12th Grade	Credits	Y 13
English (x4 credits)	English 9 **OR** Honors English 9	1	English 10 **OR** Honors English 10	1	English 11 **OR** AP English Language	1	English 12 **OR** College Prep English **OR** AP English Literature	1	
Math (x3 credits)	Must take 1.0 math 9th gr year as recommended by facilitator & math teacher	1	Must take 1.0 math 10th gr year as recommended by facilitator & math teacher	1	Must take 1.0 math 11th gr year as recommended by facilitator & math teacher	1	Student Choice: College-bound students should enroll in math all four years as recommended by facilitator & math teacher	1	
Science (x3 credits) (1 Life; 1 Physical; 1 Elective)	Biology OR Honors Biology	1	Chemistry OR Honors Chemistry	1	Physics OR College Chemistry OR AP Chemistry	1	Student Choice: College-bound students should enroll in science all four years as recommended by facilitator & science teacher	1	
Social Studies (x3 credits) (1 World; 1 US; 0.5 Govt; 0.5 elective)	World History **OR** Honors World History	1	Recommended: World Geography **OR** Honors World Geography	.5	US History **OR** AP US History	1	US Govt **OR** AP US Govt	.5	
Communications (0.5 credit)	All Academy **Capstone Courses** will fulfill the Communications Requirement								Y 14
Financial Literacy: (0.5 credit)	Financial Literacy								
Fine/Performing Arts (1 credit)	*Students fulfill .5 Fine Arts graduation requirement through Four Year Academy Courses*								
Health: (0.5 credit)	Health Education *Optional*: Health may be taken online through eAcademy if space is needed in student's schedule.								
Language Applications: (1.0 credit)	Student choice - any year(s) **1+** College-bound students should enroll in 2 years of the same World Language.								
Life Studies: (0.5 credit)	Using the PPG - Identify courses that fulfill this requirement								
Physical Education (0.5 credit)	PE Concepts **OR** Cheer/Dance Team **OR** Strength & Conditioning	.5	*Optional*: P.E. Concepts may be taken online through eAcademy if space is needed in student's schedule. This can be scheduled during the summer - grades 10-12 only. *Other online classes are available at eacademy.olatheschools.com*						
STEM (1.0 credit)	*Students fulfill Technology graduation requirement through Four-Year Academy Courses*								
Individual Focus (5.5 credits) **Four-Year Academy Coursework**	Introduction to Design - Architectural Introduction to Design - Product	.5 .5	Architectural Design I **OR** Product Design I	1	Architectural Design II **OR** Product Design II	1	Design & Engineering **WBL AND/OR** Design Studio	1 or 2	
Total Credits: (24 total needed for graduation)	9th grade total:	7	10th grade total:	7	11th grade total:	7	12th grade total:	3+	
NOTE: *Credits beyond requirements in any category will fall under individual focus.*									
Students may earn an endorsement on their transcript for completing all Academy requirements, including successful completion of coursework, outside-the-classroom learning opportunities, field experiences, and capstone projects. Refer to the Academy's Endorsement Requirements provided by facilitator or found on the web at olatheschools.org/careerpathways									

Graduating Class of 2028 and Beyond

Design
Four-Year Academy

Products, Architecture, & More

WHO WE ARE:

Using the design thinking process, students explore a variety of design fields including, architecture, industrial/product design, interior design, landscape design, graphic design, and engineering. Students in this four-year program:

- Learn Industry Standards for Design Careers
- Use Industry Standard Equipment and CAD Programs
- Work with Industry Partners on Projects

- Learn Design Foundation Skills and Design Thinking Methods
- Participate in National Competitions and Partnerships
- Design Real-World Solution Projects for School and Community

WHAT WE DO:

- Everything around us—our homes, clothes, cars, furniture, and even water bottles—was designed by someone. In this course, students will learn the fundamentals of design and apply them to projects from concept to completion, including architecture, products, interiors, displays, and more.

- Access to industry-standard equipment and technology, such as graphic and CAD software, a laser engraver and 3-D printer.

- Complete a professional portfolio and learn presentation skills.

- Work with industry professionals during projects and through conferences, competitions, guest lectures and mentorship opportunities.

- Participate in local and national design competitions and tours.