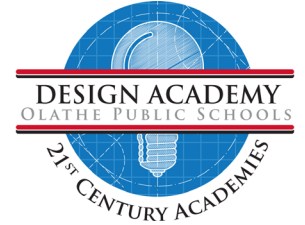




**USD #233 Individual Plan of Study**  
 Electronic file located in Xello - "Course Planner"  
 Located at Olathe East  
[design.olatheschools.org](http://design.olatheschools.org)  
 X: @OlatheDesign  
 Apply at: [21stcentury.olatheschools.com](http://21stcentury.olatheschools.com)

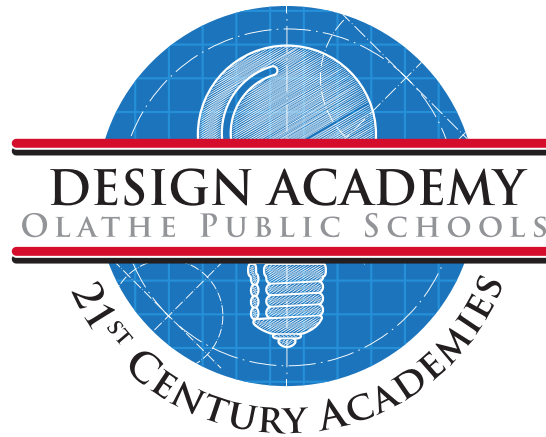
# Design Academy



Graduation Requirements	9th Grade	Credits	10th Grade	Credits	11th Grade	Credits	12th Grade	Credits	Y 13
English (x4 credits)	English 9 <b>OR</b> Honors English 9	1	English 10 <b>OR</b> Honors English 10	1	English 11 <b>OR</b> AP English Language	1	English 12 <b>OR</b> College Prep English <b>OR</b> 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 <b>OR</b> Honors Biology	1	Chemistry <b>OR</b> Honors Chemistry	1	Physics <b>OR</b> College <b>OR</b> 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 <b>OR</b> Honors World History	1	Recommend: Human Geography <b>OR</b> Honors World Geography	.5	US History <b>OR</b> AP US History	1	US Govt <b>OR</b> AP US Govt	.5	
PE/Health (1 credit)	PE Concepts <b>OR</b> Cheer/Drill Team <b>OR</b> Strength & Conditioning <b>AND</b> Health	1	<i>Optional:</i> P.E. Concepts <b>AND/OR</b> Health may be taken online through eAcademy if space is needed in student's schedule. This can be scheduled during the summer or as an 8th hour during the school year - grades 10-12 only. <i>Other online classes are available at <a href="http://eacademy.olatheschools.com">eacademy.olatheschools.com</a></i>						Y 14
Fine Arts (1 credit) (Visual or Performing)	Students fulfill Fine Arts graduation requirement through 21st Century Academy Courses								
World Lang/App'l Comm (1 credit)	Student choice - any year(s) 1+ College-bound students should enroll in 2 years of the same World Language.								
Life Skills: Consumer & Personal Finance (0.5 credit)	May take Consumer & Personal Finance during 10th 11th or 12th grade .5								
Practical & Consumer (1 credit)	Students fulfill Practical & Consumer graduation requirement through 21st Century Academy Courses Recommend: Production Tech, Interior Design, Apparel Production I & II, Entrepreneurship								
Technology (0.5 credit)	Students fulfill Technology graduation requirement through 21st Century Academy Courses								
Individual Focus (6 credits) <b>21st Century Academy Coursework</b>	Introduction to Design I & II	1	Architectural Design I & II <b>AND/OR</b> Product Design Engineering	1	Design & Development <b>AND/OR</b> Commercial Design <b>AND</b> Adv. Studies in Design	1	Design Senior Capstone <b>Optional:</b> Design & Engineering Workplace Experience	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 [www.21stcentury.olatheschools.com](http://www.21stcentury.olatheschools.com)



*Olathe East*

*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:

- Look around... everything we use in everyday life was designed by someone. From the house or building we live in, the shoes and clothing we wear, the automobile we drive and ride in, the chair we sit in, the lights we turn on and off, to the water bottle we drink from, was designed by someone.
- Students will learn the fundamental principles to design anything. Students will work on design projects from concept to completion including architecture, products, interior, display, and much more.
- Students have 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.

[Design@olatheschools.org](mailto:Design@olatheschools.org) • 913.780.7120 •  @OlatheDesign

*Explore careers in this field with the Occupational Outlook Handbook at <https://www.bls.gov/ooh/>*