

Art and Architecture

Course Syllabus 2020-21



Instructor: Beth Dobberstein bdubby2001@yahoo.com

Phone: (386) 295-7351 (texting is ok)

Grade Level: 9 - 12

Course Length: 1 semester (second semester)

Credit: 1/2 credit

Prerequisites: none

Course Description:

The students will gain a better understanding of how cultural heritage and beliefs influence architectural style. They will evaluate and analyze various examples of architecture found in churches and castles in Germany as well as local architecture. The students will choose a style of architecture for inspiration and then use art and design skills to create authentic architectural blueprints, conceptual plans, and 3D models. Projects will be created digitally and with paper products.

Course Outcomes:

Upon successful completion of this course, students will:

- Identify a specific culture, time period and beliefs associated with a specific architecture.
- Understand that the materials used to create a structure coincide with geographical location.
- Analyze symbols found in architecture to determine the history or beliefs associated with the building.
- Make connections between familiar architecture and famous architecture.
- Create architectural drawings that reflect a basic understanding of common architectural elements.
- Use Design Thinking to systematically solve problems associated with architecture design.
- Create drawings that reflect personal interests and designs.
- Create a 3D architectural model representing the student's culture, ideas and beliefs.
- Respond and offer feedback to other student's work using art/architecture vocabulary words.
- Present an architectural model to the class, explaining their thought process

Course Outline:

Lesson 1: Exploring Local Architecture

Lesson 2: Digging into Building Materials

Lesson 3: Building Techniques and Symbols

Lesson 4: Archi-Doodle

Lesson 5: Discovering Domes, Arches and Vaults

Lesson 6: Exploring Flying Buttresses

- Lesson 7: Working Parts: Nave, Aisles, Apse, Transepts, Columns
- Lesson 8: Local Churches
- Lesson 9: Clay Ruins
- Lesson 10: Recycled Castles
- Lesson 11: Found Object Churches
- Lesson 12: Modern Structures – Geometric shapes
- Lesson 13: Design Thinking – Guiding Questions
- Lesson 14: Design Thinking – Inquiry in Action
- Lesson 15: Logically Creative – Thinking Maps
- Lesson 16: Blue Prints and Conceptual Plans
- Lesson 17: Creative Models – Incorporating the Elements of Art
- Lesson 18: Final Project and Presentation

Course Materials:

Required textbooks:

[Archidoodle: The Architect's Activity Book](#) Paperback use pre-formatted date that complies with legal requirement from media matrix – October 22, 2013

by Steve Bowkett (Author)

[The Art of Construction: Projects and Principles for Beginning Engineers & Architects \(Ziggurat Book\)](#)

Mar 1, 2000

by Mario Salvadori and Saralinda Hooker

Other needed course materials will be made available via the online Learning Manage System (LMS).

Evaluation & Grading Scale:

Assignments: Each graded assignment in the course is assigned a certain number of points. The course percentage grade will be determined by comparing the points earned out of points possible and then converting to a letter grade based on the grading scale below. Late assignments will receive fewer points. A student's current grade in the course will be available as we progress.

Grading Scale

98-100 A+	87-89 B+	87-89 C+	67-69 D+	
93-97 A	83-86 B	73-76 C	63-66 D	0-59 F
90-92 A-	80-82 B-	70+72 C-	60-62 D-	

Instructor Policies:

Expected of Students:

1. Check in on the course on a daily basis, Monday through Friday. Generally, students have been scheduled by their school to work on this course at a specific time each school day. Be faithful in using this time to work on this course. If you will be absent from class on a particular day, or if you miss class because of illness, be sure to let me know.
2. Expectations for this course are high, but reasonable. Everyone is very busy with their other courses, activities, and responsibilities, yet you are expected to complete all work on time. If you need an extension of time, please make the request via private email prior to the due date.
3. Communicate! If you have questions or concerns on a particular assignment or activity, please send me a private email or make a public posting in the Instructor's Office Forum. Good two-way communication is very important to having a successful experience!

ALHS Online Policies:

Current ALHS Online policies are listed in the Handbook for ALHS Online Students and Parents, available on the ALHSO.org website. This includes policies on non-discrimination, anti-harassment, student expectations, attendance, academic honesty, student discipline, student grades, course add/drop, etc.

Please note the policy on **class attendance** which states in part:

“Even if a student’s local school does not have school on a particular day (snow day, teacher’s conference, quarter break, choral fest, class trip, etc.) ALHS Online courses will continue to meet and students are expected to complete required work on time.”

Students also fall under the policies of the school were they attend as a full-time student. When applicable, these same local school policies will be applied to enrollment in this ALHSO course.