

ADVANCED CONSTRUCTION MANAGEMENT CAPSTONE

Queen Anne's County High School | 2021 Class Syllabus | First Period



MRS. SHINGLETON

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Scan me



SPRING SCHEDULE

MONDAY	7:45am-9:00am (Synchronous)
TUESDAY	12:00pm-1:15pm (Synchronous)
WEDNESDAY	8:00am-8:30am (Asynchronous)
THURSDAY	7:45am-9:00am (Synchronous)
FRIDAY	12:00pm-1:15pm (Synchronous)



SOFTWARE

- Autodesk AutoCAD
- Autodesk Revit



SUPPLIES

- Notebook: Spiral or Graph paper (NOT a 3-Ring Binder)
- Sharp Pencil
- Fine Tipped Black Marker
- Ruler with a Clean, Straight Edge



GRADING

50% Mastery // 50% Progress

Mastery Assessment (7)

Unit Tests, Projects, or a Cumulative Assessment for the course.

Progress Assessments (at least 24)

Classwork, Homework, Warm-Ups, Quizzes and/or Other work completed for the course.



COURSE DESCRIPTION

This course builds on an understanding of the construction design process to advanced knowledge and skill in construction management. In this course, students will be required to work in teams to complete development projects from existing plans. The year-long project will focus on building codes and standards, coordination of the construction process, estimating, planning and scheduling; and site management. Students will complete a portfolio of their design and construction management projects for review.

- Document principles of construction management and the design-build-maintain process, including technical requirements, cost estimating, and quality control
- Develop a series of technical drawings, including site plans, mechanical systems, building plans, and a BIM design for a completed project
- Demonstrate the use of advanced design principles and understanding of the design-build process
- Document construction methods and materials, including compliance to building codes, safety regulations, and principles of Green Construction and energy efficiency
- Incorporate the use of new technologies and innovations in the design and build process, including energy efficiency standards, and modular construction
- Demonstrate the use of construction estimating and contracting to develop a project schedule



ONLINE LEARNING EXPECTATIONS

Synchronous – Join the video conference on time and have materials ready. Have Schoology open and ready to go in a browser. You are expected to be on the video conference for the duration of class. Please find a quiet place in your house and give yourself an area to work.

Asynchronous – Assignments that are asynchronous are to be done on your own; however, I am available for help during the designated asynchronous period. Also during this time you may be asked to attend a video conference for small group instruction. Small group instruction, if assigned, is mandatory.

Office Hours – Every day except for Wednesday there are Office Hours set aside for reteaching, 1:1 or group tutoring, small group instruction and student/parent meetings. You may schedule a time during office hours for tutoring. You may also attend a tutoring or instructional video conference during office hours. Office hours are considered part of the school day, so tutoring or conferences scheduled during this time are mandatory. If there is an instructional conflict during the requested time, we will work together to find a time that works.



ACADEMIC HONESTY

All students at Queen Anne’s County High School are expected to conduct themselves with great pride in academics and the community at large. To this end, it is expected that all students will maintain academic integrity in every assignment. Work must be completed individually unless otherwise directed by the teacher. **Plagiarism** is a severe offense at QACHS and will result in immediate consequences.



ATTENDANCE

Students must log into our class on Schoology every school day to be counted as present, and they need to complete all daily work in order to keep up in the class. The teacher/school should be contacted if a student will be absent from class. Students are responsible for making up all missing work due to an absence.



EXPECTATIONS

- Be Respectful
- Be Present
- Be Prepared
- Be Mindful

*All rules/policies listed in the school/county handbooks will be followed.



SCHOOLGY CONDUCT

1. While on Schoology, what I say and how I say it will be school appropriate.
2. I will use posts to discuss school-related content only.
3. I will use a respectful tone of voice when posting. All school rules and consequences related to harassment apply to Schoology.
4. I will use appropriate grammar instead of texting language.
5. I will not reveal any personal information on Schoology. This includes telephone numbers, addresses, emails, etc.

Posting & Replying to Messages or Comments

- Post a note to the whole group if your question is about something the whole group should know (assignments, instructions, due dates etc.)
- Send a note only to your teacher if you want to talk about something that doesn’t relate to everyone.
- Don’t post questions or comments about personal issues or topics. Keep private information private.
- Keep your conversations on topic.
- If you’re not sure if a word, joke, or image is okay, then it’s probably not. DO NOT write posts that tease, bully, annoy, spam, or gossip about any other person.
- If you think there is something inappropriate posted on Schoology, please tell your teacher immediately!