

# **Building Trades and Construction Design Technology**

## **Class Objectives:**

The purpose of Building Trades and Construction Design Technology is to prepare students for employment or advanced training in the building construction industry.

Building Trades and Construction Design Technology offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Architecture and Construction career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Architecture and Construction career cluster.

The Building Trades and Construction Design Technology content includes but is not limited to applying construction techniques, reading plans, and specifications; and developing trade skills in carpentry, masonry, electricity, plumbing, and air conditioning.

The skills learned will benefit students throughout other subjects and help develop skills that are significant for the development of a lifelong learner and a successful professional.

Class will consist of a number of different types of assessments. Tests, quizzes, home study, class work, notebooks, bell work, papers, presentations, projects, and demonstration labs may all be used in some form throughout the course to help determine understanding and mastery of the class material. Depending on activities, students may work alone or in groups, in school or outside of the school setting, or in some other possible scenario.

**Tests / Quizzes:** Tests will be given regarding the topics covered in Building Trades and Construction Design Technology. A topic (i.e., Safety) may cover multiple chapters, but thematically is one large concept. Students will be notified of the corresponding chapter(s), but the TOPIC that we are covering is much more important than the Chapter Numbers. If a topic is especially long or intensive, it may be broken into more than one test. Students should be prepared for a combination of short answer (multiple choice, matching, true/false), written, or skill proficiency demonstration assessments.

**Home Learning & Class Work:** Home Learning & Class Work are an integral part of a student's success in Building Trades and Construction Design Technology. Students may have research, questions, notes, or labs to accompany assigned reading. Home Learning is meant to help a student's grade. With the ability to check the text, use the internet, consult friends, or ask the teacher questions; students should seek to consistently score the highest grade possible. Home learning will assist with student success in class activities.

Students will have classwork throughout the semester in Building Trades and Construction Design Technology. Some assignments may be meant to finish in class and will be collected at the end of the period. Other assignments may be started in class and then finished as homework. HOMEWORK IS DUE UPON ENTERING CLASS THE NEXT SCHOOL DAY. For this reason, the two categories are grouped together for grading.

**Bell Work & Notebooks:** Bell work will be a short introductory idea or question(s) at the start of class reviewing previous material, introducing a new idea, or asking a student to express an opinion or perspective of a given concept. Students will be required to write the bell work question, their response, and full academic heading into their notebooks each day. Bell work will be checked on a regular basis and entered as a participation grade.

Notebooks should be maintained with all course materials. Students are required to pay attention in class and follow along. TAKING PICTURES OF THE NOTES WILL ONLY BE PERMITTED IN SUPPORT OF LESSON AND LEARNING OBJECTIVES ONLY WITH PERMISSION FROM THE CLASSROOM TEACHER TO ENSURE COMPLIANCE WITH DOCUMENTED LEARNING SUPPORTS/ACCOMMODATIONS; not in lieu of proper classroom participation and note taking.

**Late Work:** Late work will be accepted but will suffer a 10 point penalty for every class date it is late. If a student was absent on the due date, they are required to hand in work the ***NEXT SCHOOL DAY*** they are present, or it will be counted as late. Students will have ***5 school days*** to hand in a late assignment. Late assignments will not be accepted after 5 school days. Any assignment not submitted will receive a grade of “0.”

**Grade Breakdown:**

Grade	Percentage	Assessment	Percent Breakdown
A	100-90	Tests	50%
B	89-80	Quizzes	30%
C	79-70	Classwork/Homework/Participation	20%
D	69-60		
F	59-0		

**Academic Dishonesty**

Plagiarism is defined as “the practice of taking someone else's work or ideas and passing them off as one's own”. Plagiarism is a type of cheating and can take many forms, but the most common is copying and using a sentence or multiple sentences from a source as one’s own thoughts and ideas from a text, an online website, or another student. Properly quoting and citing a source is not plagiarism. Plagiarism is a serious academic offense and, per school policy, will result in the assignment receiving a ZERO without the opportunity to redo or make up the assignment, THREE Saturday Detentions, a lunch detention with the teacher to discuss and review citing sources and plagiarism, AND the student will be placed on Behavior Probation (students lose the ability to participate in school events and, if applicable, removal from clubs and sports). If students need to use a source as evidence in a writing assignment, they must properly quote and cite the source. If a student does not know how to do this, he/she should consult the classroom teacher for assistance.

Cheating is when a student looks at another student’s work or a teacher’s textbook and uses it to do their own work; receives or provides answers to quiz, test, or other assignment questions; or fabricates information (including lab data) for his/her own personal gain. Cheating is a serious academic offense and, per school policy, will result in the assignment receiving a ZERO without the opportunity to redo or make up the assignment AND THREE Saturday Detentions AND the student will be placed on Behavior Probation (students lose the ability to participate in school events and, if applicable, removal from clubs and sports). If a student does not understand how to do an assignment, rather than cheat, he/she should consult the classroom teacher for assistance.

**Classroom/Build Space Behavior:** Students who misbehave in class: talking, passing notes, listening to music, using their cell phones or other electronic devices (tablets, e-readers, etc.), sleeping, or anything else deemed to be a distraction or disruption will be redirect with only 1 warning. If the behavior continues, the student will be issued a detention or a referral, as needed according to classroom and school policies.

Any circumstance that violates a safety procedure or creates an unsafe classroom/build space atmosphere will result in the student being removed from class that day, accompanied by a disciplinary referral.

Any willful action to tamper with, damage, deface, or any other action against school tools, materials, and property will result in removal from class for that day, accompanied by a disciplinary referral.

Due to the dangers and hazards associated with Building Trades and Construction Design Technology, a zero-tolerance practice is in place to ensure safety for everyone.

<b>Expectations</b>	<b>Procedures</b>
*****SAFETY is always FIRST*****	*****SAFETY is always FIRST*****
Raise your hand for Questions and Answers.	Hand in assignments when and where they are due.
Listen while the teacher is speaking.	Be open to learning.
Actively participate in class activities.	Exit the class only when dismissed by the teacher.
Be respectful of others questions, answers, and points of view.	When possible, notify the teacher in advance of an absence.

**Materials:**

1 – 2 inch, 3-ring binder with lined paper.  
 Pencils  
 Pens (Blue or Black only)

**Class Fee:**

There is a \$25.00 class fee connected to Building Trades and Construction Design Technology. The class fee covers the costs of materials consumed, maintenance and replacement of tools and equipment due to a high volume of use and will provide your student with a pair of safety glasses, reusable ear plugs, and gloves. Each student will retain their safety glasses, reusable ear plugs, and gloves.

Somerset Career Academy/Somerset College Preparatory Academy will purchase safety glasses, reusable ear plugs, and gloves in volume to ensure these items are serviceable and meet necessary safety standards.

**Electronics Policy:** Students are not permitted to use electronic devices in or during the class period without specific approval from the teacher. When authorized by the teacher, any such device shall be used only for the specific task approved. If permission is granted, use is limited to once, any additional use will require additional authorization. Students found to be using electronic devices for personal communication, taking photos, social media, games, or other non-educational purposes will be issued a detention. If additional incidents occur, the student will be issued additional detentions for each additional violation. After 3 detentions, a disciplinary referral will be issued. If the use of any electronic device results in a safety violation, the incident will be treated as a violation of safety protocols.

**Food & Drink:** Food is **not** allowed in class. Drinks are allowed but **only** in a non-glass resealable container. Exceptions/Accommodations are only granted based on IEP/504/Verified Medical Needs in accordance with school policy and procedure.

\* Students will be required to clean up after themselves, even if it involves a broom and dustpan or mop and bucket. \*

I have read and understand what is expected of \_\_\_\_\_ (Student Name ***PRINTED***) throughout this course.

Student Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Parent/Guardian Printed Name: \_\_\_\_\_

Parent/Guardian Signature: \_\_\_\_\_

Date: \_\_\_\_\_

***Pages 1-5 are to be retained by the student and placed in their notebook for reference as needed.***

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## **Acknowledgement of Syllabus Signed by Student and Parent/Guardian**

I have read and understand what is expected of \_\_\_\_\_ (Student Name ***PRINTED***) throughout this course.

Student Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Parent/Guardian Printed Name: \_\_\_\_\_

Parent/Guardian Signature: \_\_\_\_\_

Date: \_\_\_\_\_

***This page is to be signed and returned to your teacher for verification and records keeping.***

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----- Do not write below this line. This section is for teacher/administrative use. -----

Date Syllabus Received from Student: \_\_\_\_\_

Date Safety Contract Received from Student: \_\_\_\_\_