

# AUGUST / SEPTEMBER

## Health Science 1 Newsletter

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### WELCOME

Health Science 1 is off to a fast start with learning valuable, real-world healthcare skills! Our students are diving right into practical medical knowledge and gaining industry-recognized credentials. Please continue to encourage your student to attend class daily and keep up with their assignments to ensure their success in these rigorous programs.



### HIGHLIGHTS

**Medical Math Application**  
Students reviewed foundational math concepts and applied them directly to healthcare scenarios:

- Conversions: Converting pounds to kilograms and grams to milligrams.
- Dosages: Calculating medication dosages and dosages based on body weight.
- Key Takeaway: Students performed exceptionally well and saw firsthand how traditional math skills directly impact patient safety and care in the workplace.



### WHAT WE ARE LEARNING



Current Focus & Hands-On Certifications

1. Basic Life Support (BLS) / CPR — American Heart Association To prepare for CPR training, students are currently studying basic heart and lung functions. This certification covers:

- Adult, child, and infant CPR techniques.
- Relief of choking in adult, child, and infant patients.
- Proper Automated External Defibrillator (AED) usage.
- Recognizing signs and symptoms of strokes and heart attacks.
- Passing the official AHA certification exam.

2. Stop The Bleed — American College of Surgeons Students will also complete this vital emergency preparedness certification, learning how to control life-threatening bleeding through:

- Wound packing techniques.
- Applying direct pressure.
- Proper tourniquet application.



### ANNOUNCEMENTS & REMINDERS

- Daily Attendance: Attendance is crucial during certification training, as hands-on skills checks must be completed in class.
- Assignment Completion: Remind your student to log in and submit coursework regularly to stay on track for their certification exams.

