

CCP PROGRAMS

WCE CCP - HVAC CORE SKILLS

1. Write a program to calculate the total cost of a project. The program should prompt the user for the number of units, the cost per unit, and the total cost. The program should then calculate the total cost and display the result.

2. Write a program to calculate the area of a circle. The program should prompt the user for the radius and then calculate the area using the formula $A = \pi r^2$.

3. Write a program to calculate the volume of a cylinder. The program should prompt the user for the radius and height, and then calculate the volume using the formula $V = \pi r^2 h$.

4. Write a program to calculate the surface area of a cylinder. The program should prompt the user for the radius and height, and then calculate the surface area using the formula $A = 2\pi r^2 + 2\pi r h$.

5. Write a program to calculate the volume of a sphere. The program should prompt the user for the radius and then calculate the volume using the formula $V = \frac{4}{3}\pi r^3$.

6. Write a program to calculate the area of a trapezoid. The program should prompt the user for the top base, bottom base, and height, and then calculate the area using the formula $A = \frac{1}{2}(b_1 + b_2)h$.

7. Write a program to calculate the area of a parallelogram. The program should prompt the user for the base and height, and then calculate the area using the formula $A = bh$.

8. Write a program to calculate the area of a rectangle. The program should prompt the user for the length and width, and then calculate the area using the formula $A = lw$.

9. Write a program to calculate the area of a triangle. The program should prompt the user for the base and height, and then calculate the area using the formula $A = \frac{1}{2}bh$.

10. Write a program to calculate the area of a square. The program should prompt the user for the side length, and then calculate the area using the formula $A = s^2$.

11. Write a program to calculate the area of a circle. The program should prompt the user for the radius, and then calculate the area using the formula $A = \pi r^2$.

12. Write a program to calculate the volume of a cylinder. The program should prompt the user for the radius and height, and then calculate the volume using the formula $V = \pi r^2 h$.

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Continuing Education Units	E?J
Total Hours	E?J

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HVAC Level 1

(Available to students at Hoke County High School and SandHoke Early College High School)

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Continuing Education

1. The purpose of this section is to ensure that all employees receive the necessary continuing education to maintain their professional status. This section shall apply to all employees who are required to complete continuing education units (CEUs) as a condition of their employment.

2. The minimum number of CEUs required for each employee shall be determined by the following table:

Continuing Education Units	10
Total Continuing Education Units	