



47

KODAK TX 6043



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KODAK TX 6043



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KODAK TX 6043



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KODAK TX 6043



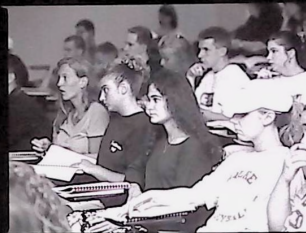
51

KODAK TX 6043



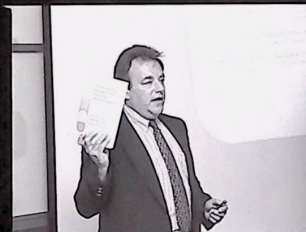
52

KODAK TX 6043



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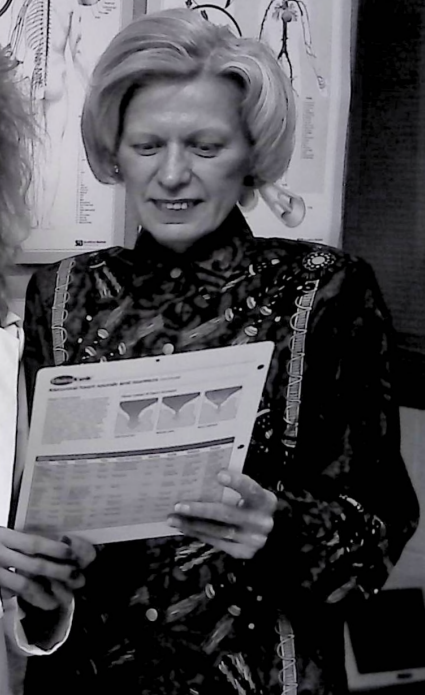
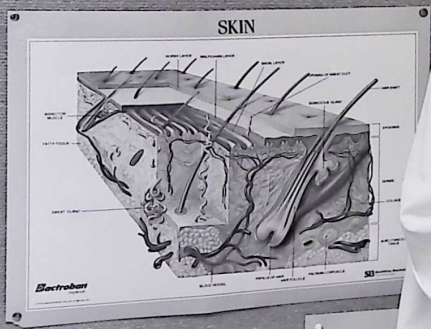
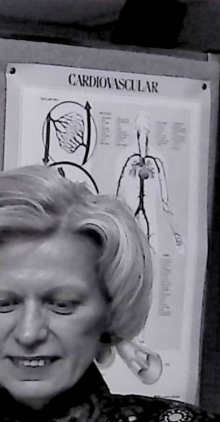
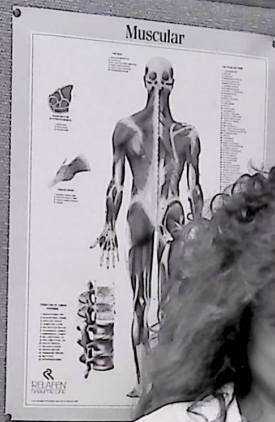
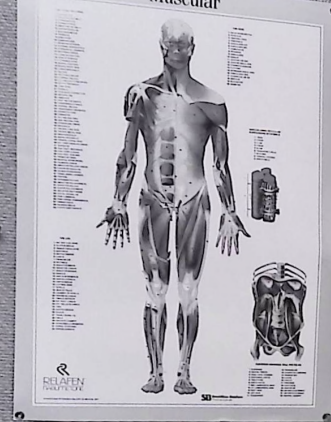


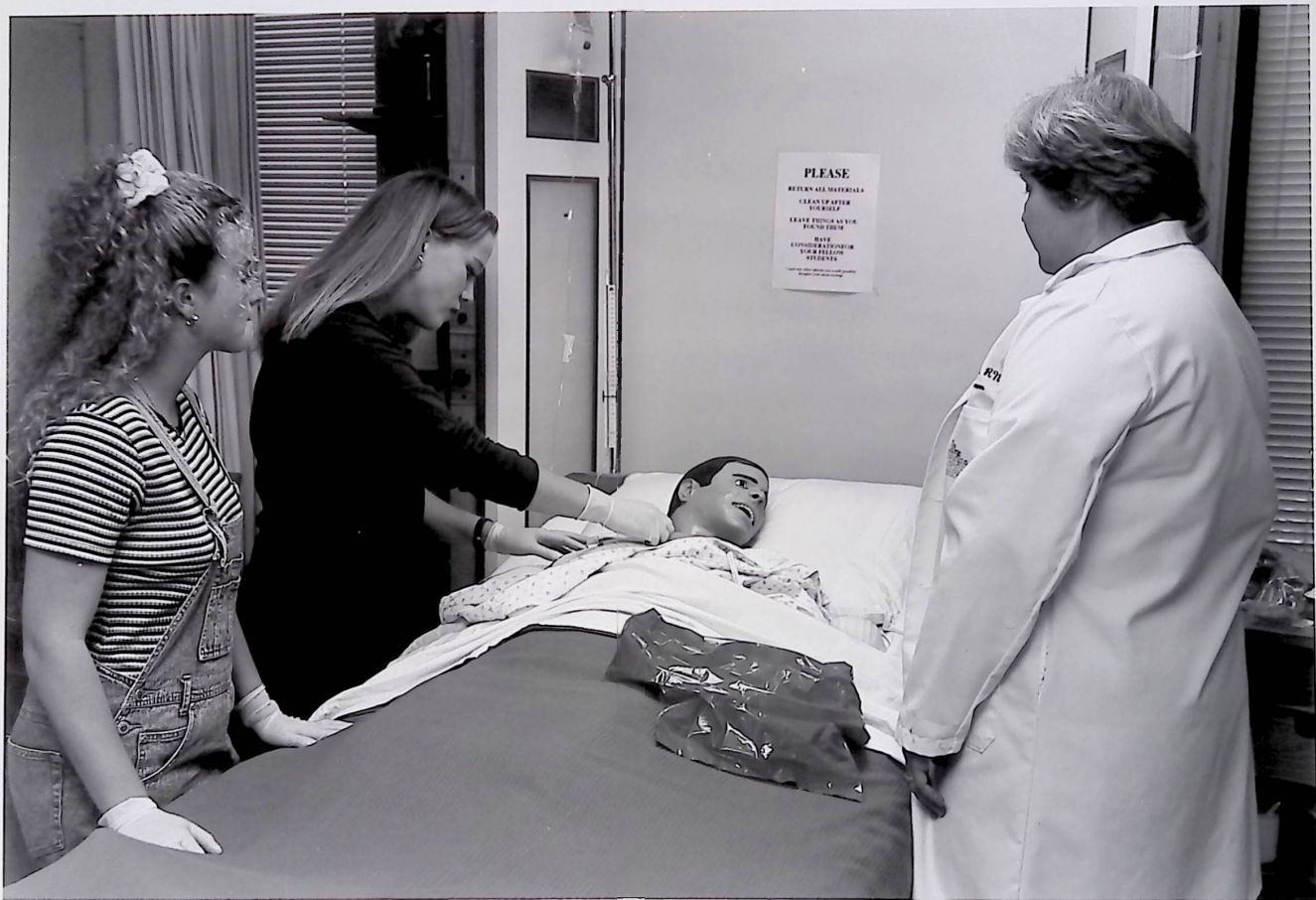






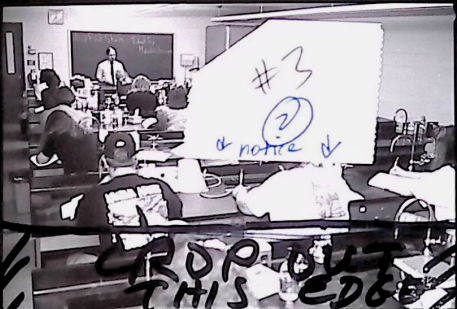
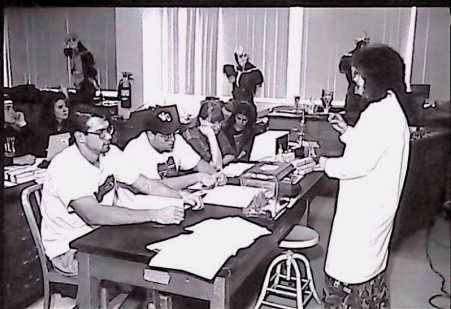


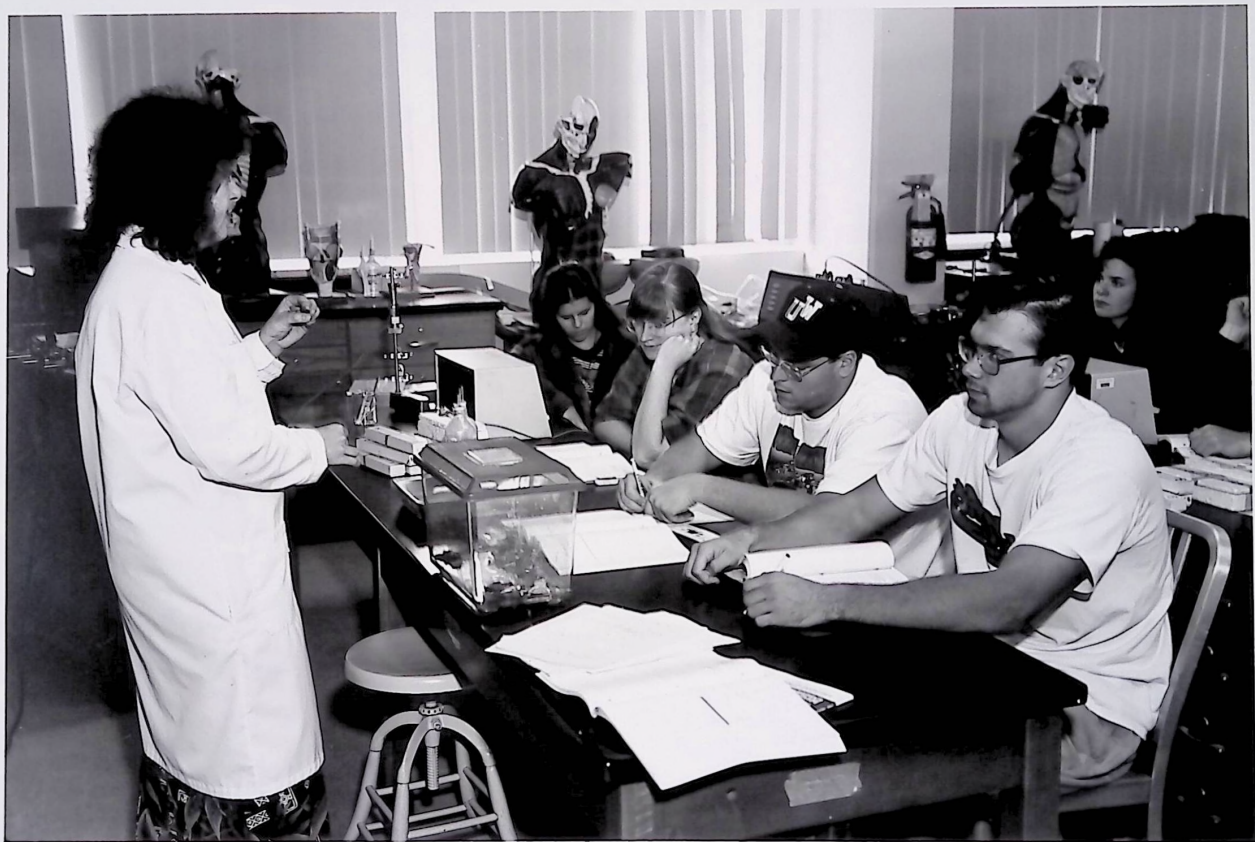


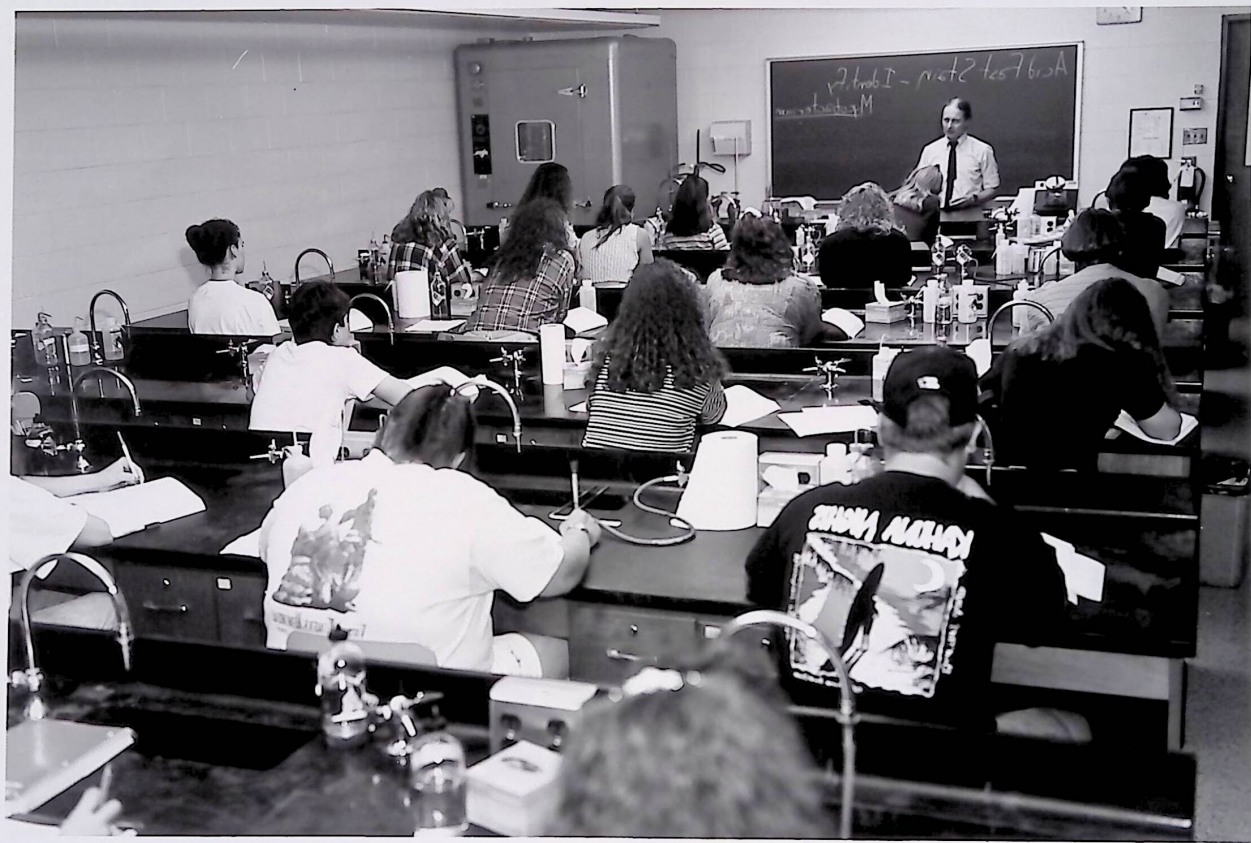




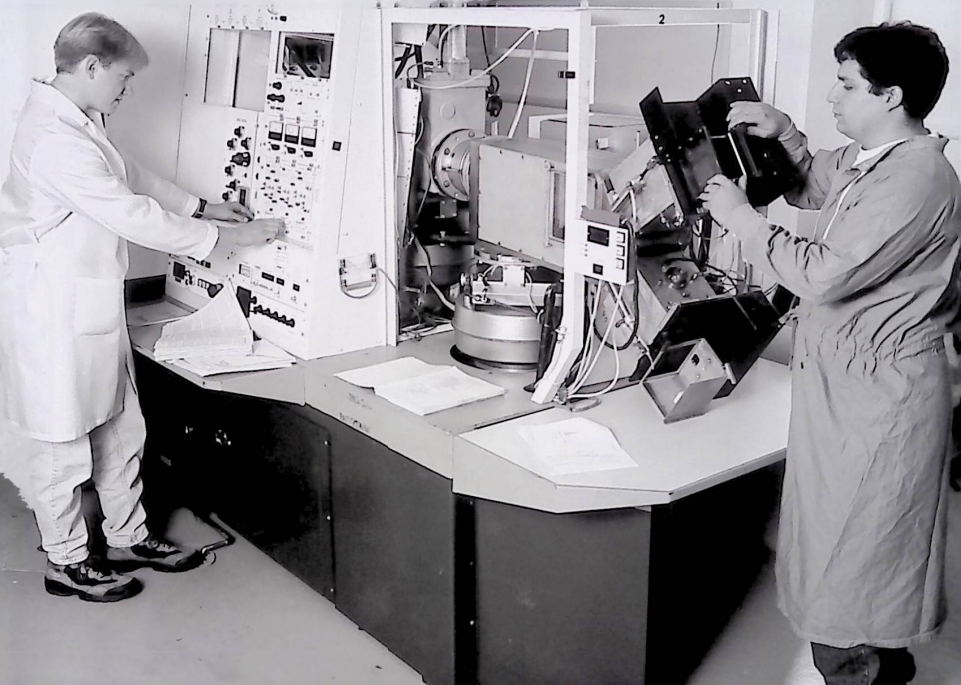












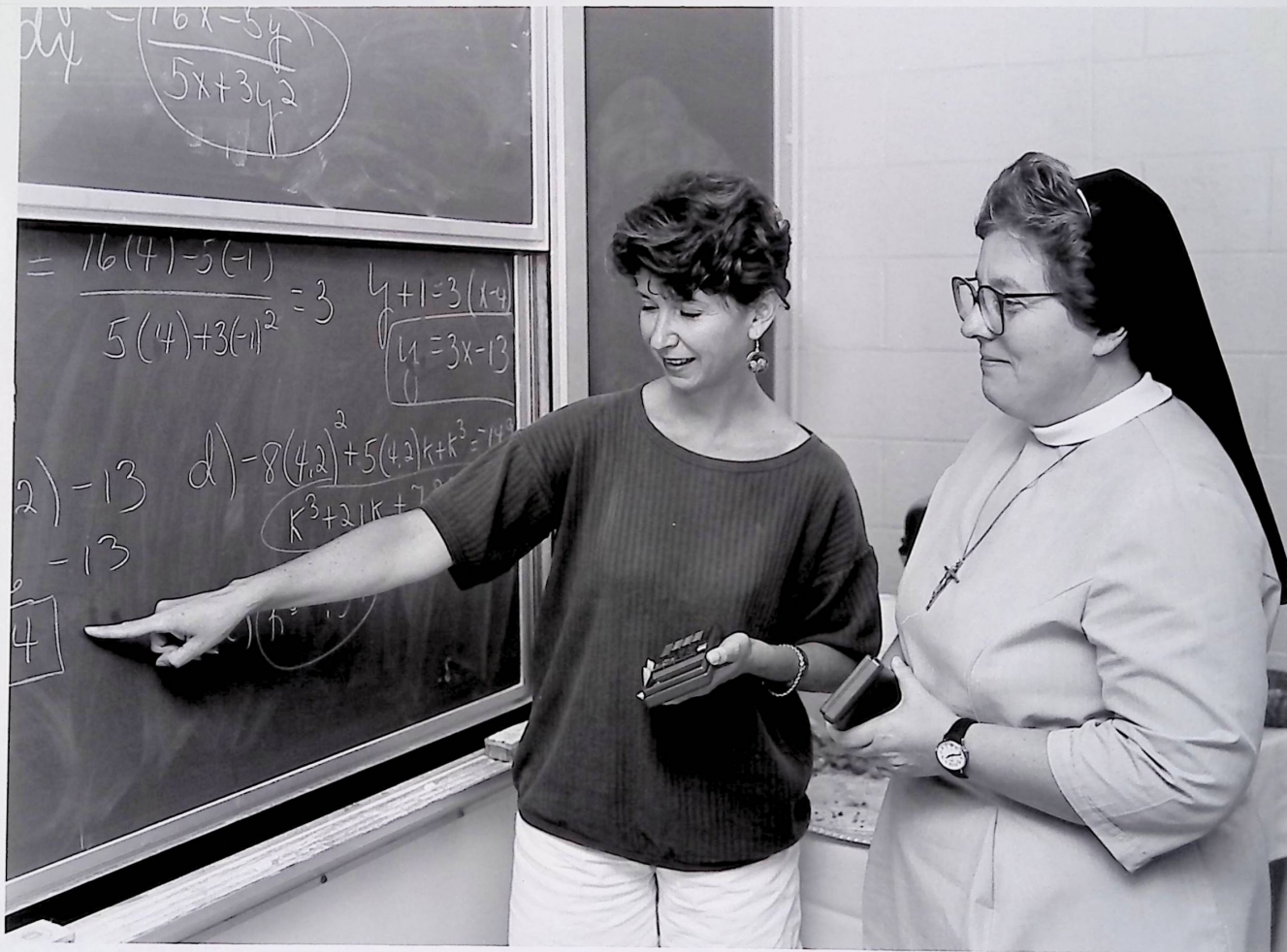




Read.









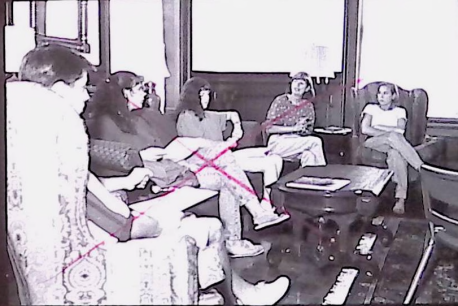






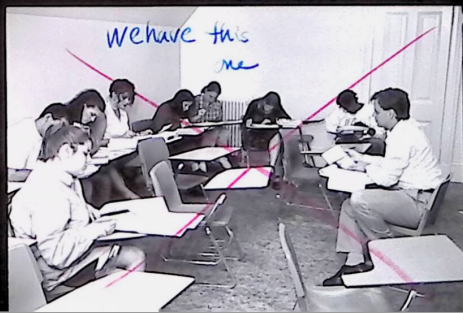
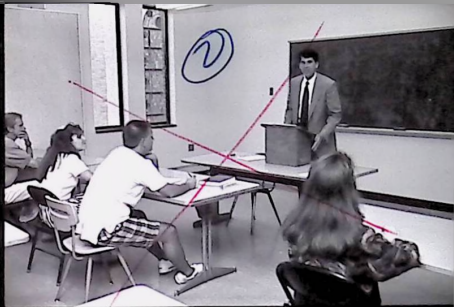


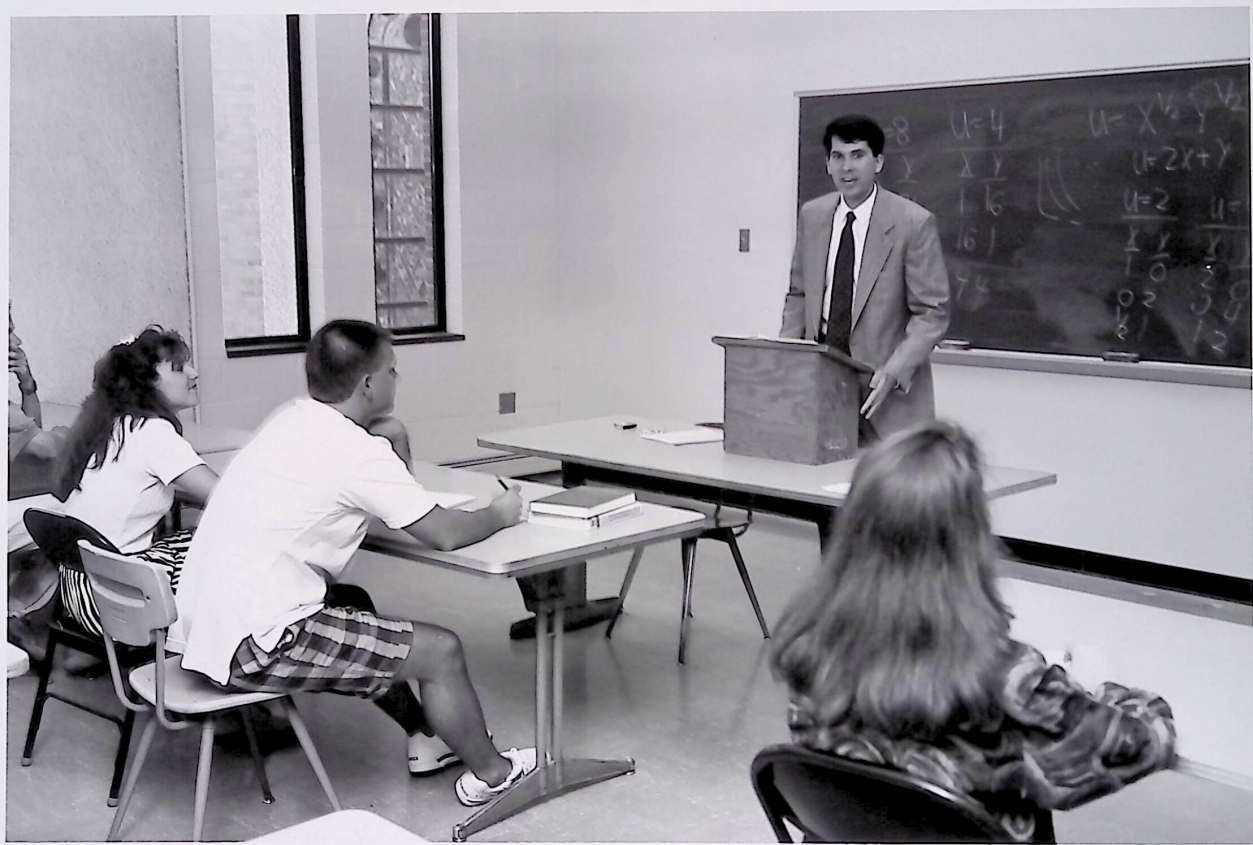














$$1) 1.4 \times 10^4 \text{ V}$$
$$= 754 \text{ V rms}$$
$$16.0 \times 10^{-3} \text{ m}$$
$$= 1.5 \times 10^{-2} \text{ m}$$

$$\textcircled{1} E = 12.0 \text{ V}$$
$$R = 4.00 \Omega$$
$$I = 3.00 \text{ A}$$



$$\textcircled{2} V_L = 12.0 \text{ V}$$
$$I_L = 3.00 \text{ A}$$
$$R_L = 4.00 \Omega$$

$$\textcircled{3} I_L = \frac{V_L}{R_L}$$
$$= \frac{12.0 \text{ V}}{4.00 \Omega}$$
$$= 3.00 \text{ A}$$

$$\textcircled{4} I_L = 3.00 \text{ A}$$
$$R_L = 4.00 \Omega$$
$$V_L = 12.0 \text{ V}$$

$\textcircled{7}$

$$P = 172 \cdot 10^{-3} \text{ W}$$
$$d = 0.006 \text{ m}$$
$$r = 0.003 \text{ m}$$

$$R = 1.00 \Omega$$

$$A = \pi r^2 = \pi (0.003 \text{ m})^2$$
$$= 2.826 \cdot 10^{-5} \text{ m}^2$$

$$R = \frac{\rho L}{A}$$
$$L = \frac{RA}{\rho}$$

$$L = \frac{RA}{\rho} = \frac{(1.00 \Omega)(2.826 \cdot 10^{-5} \text{ m}^2)}{1.72 \cdot 10^{-8} \Omega \cdot \text{m}}$$
$$L = 16.4 \text{ m}$$

32.



$$L = 16.4 \text{ m}$$





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11 CORD FRA FRA

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11 CORD FRA FRA

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11 CORD FRA FRA



IT'S GOOD TO BE A BOY



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IT'S GOOD TO BE A BOY



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