The waveform in the following figure can be expressed as

$$
x(t)=A \cos \left[\omega_{0}\left(t-t_{1}\right)\right]=A \cos \left(2 \pi f_{0} t+\phi\right)
$$

From the waveform, determine $A, \omega_{0}, t_{1}$, and $\phi$ such that $-\pi<\phi \leq \pi$.

Sinusoidal Signal: $\mathrm{x}(\mathrm{t})=\mathrm{A} \cos (\omega \mathrm{t}+\phi)$


