Suppose $P(x)$ is a polynomial of degree $n$. Then $P^{(n)}(x)$ is a constant. So, in applications of L'Hopital's rule, we give

$$\lim_{x \to \infty} \frac{P(x)}{e^x} = \lim_{x \to \infty} \frac{P'(x)}{e^x} = \ldots = \lim_{x \to \infty} \frac{P^{(n)}(x)}{e^x} = 0$$