

Accessible Article Template

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December 23, 2025

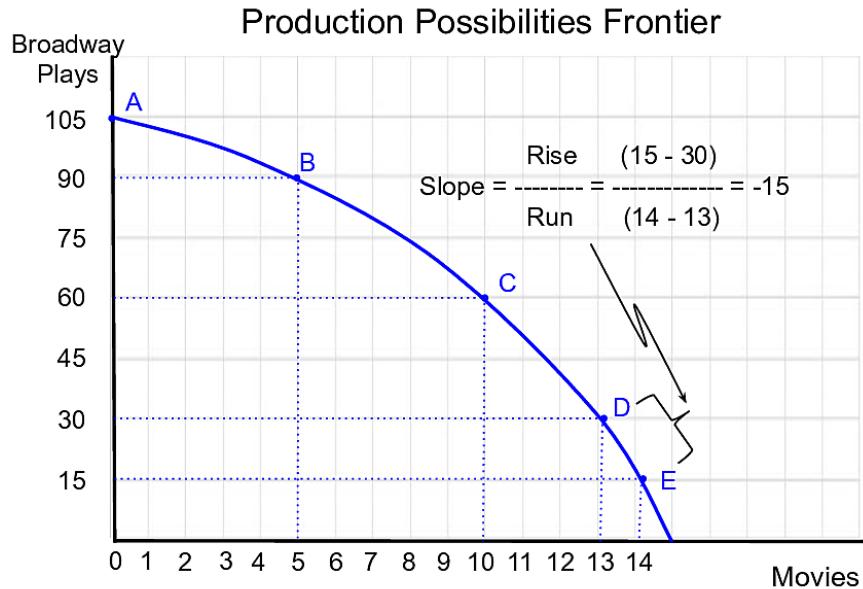
Abstract

This is a demonstration of an accessible article template using the Access Article class.

1 Including Graphics

1.1 Accessible Graphics with Alt Text

The `includegraphics` environment is redefined to require alternative text for accessibility. Here is an example:



1.2 Purely Decorative Graphics

Use the new `decographics` command for purely decorative images that should be ignored by assistive technologies and therefore do not use alternative text:



2 Equations

The `displaymath` environment is enhanced to optionally provide alt text for your math expressions.

$$s = \sqrt{\frac{\sum_{i=1}^n x_i^2 - \frac{1}{n} \left(\sum_{i=1}^n x_i \right)^2}{n - 1}}$$

The `equation` environment is similarly enhanced:

$$e^{i\pi} + 1 = 0 \tag{1}$$

3 Conclusion

This document class is intended to be simple with minimal additional features so that L^AT_EXarticles can meet accessibility standards.

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