

Here are the slides for the course Applied Wave Optics of Reinhard Caspary at Leibniz University Hannover. The course consists of 13 lectures:

AWO-01	Maxwell Equations
AWO-02	Wave Equation
AWO-03	Waves at Interfaces
AWO-04	Film Waveguides
AWO-05	Channel Waveguides
AWO-06	Mode Decomposition
AWO-07	Waveguide Coupling
AWO-08	Laser Resonator
AWO-09	Coherence
AWO-10	Laser Threshold
AWO-11	Spectrometer and Interferometer
AWO-12	Holography I (not available as OER resource yet)
AWO-13	Holography II (not available as OER resource yet)

In the respective folders you find the PDF files containing the slides, the markdown source file and all illustrations as SVG vector graphics. Some illustrations also come with Python generator scripts.

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