

Examination

1.5 hours, 3 questions. Average assignment mark can replace worst exam question.

Past exams are a good guide

Examinable material is everything in course except:

Section 1 (Intro)

Section 4 - only need to understand how to use Gaussian-Spherical Beams, not derive them (including use of ABCD matrices to propagate). Need to understand their meaning.

Section 5.2-5.3 - need to know about the existence of higher order modes, not how to use them

Sect. 8.1 - don't need to know, except understand what $g(\nu)$ is for

Section 9.2.1 and 10.1.7 are not part of the course

Section 11 and 12 are not in course except that you need to be able to use $g(\nu)$.

i.e. the normal approximation that $g(\nu) \sim 1/\Delta\nu$

Section 13: just broad details not intimate ones.

Neither Sect. 14 or 15 will be examined.