		Topic of the week	Reading	Computer labs/Exercises
Basics	Week 1: 18/02	Introduction and basics concepts	Agrawal 'Fiber optic communication systems'- § 1	CL: Intro to VPI
Optical transmitter	Week 2: 25/02	Light sources	Saleh & Teich - § 11, 13, 15 Agrawal 'Fiber optic communication systems'- § 3	Exercises 1: sources
	Week 3: 04/03	Optical modulators	Saleh & Teich - § 20	CL: sources
	Week 4: 11/03	Ring resonators		CL: modulation
Optical waveguide, the optical fiber	Week 5: 18/03	Loss and dispersion	Saleh & Teich - § 9 Agrawal 'Fiber optic communication systems'- § 2, 8	Exercises 2: modulator, propagation
	Week 6: 25/03	Propagation equation		CL: Propagation
	Week 7: 01/04	Nonlinear effects	Agrawal 'Fiber optic communication systems'- § 2, 6	~~CL: Nonlinear effects~~
Receivers	Week 8: 09/04	Photodetectors	Agrawal 'Fiber optic communication systems'- § 4 Saleh & Teich - § 18	Exercises 3: propagation and nonlinear effects
	Week 9 : 15/04	Receiver, noise		
	Week 10: 29/04	BER, sensitivity degradation		CL: Receivers and BER
Optical amplification	Week 11: 06/05	Basic of optical amplification	Saleh & Teich - § 14 Agrawal 'Fiber optic communication systems'- § 7	Exercises 4: Detectors, BER
	Week 12: 13/05	Optical amplifiers		CL: Amplifiers
	Week 13: 20/05	No course		Exercises 5: Amplifier and systems
Conclusions	Week 14; 27/05	Performance limits and trends	Agrawal 'Fiber optic communication systems'- § 5 Saleh & Teich - § 24	