

# NASSP Observational Astronomy (OT1)

2015 Lecture dates for Optical and IR Observational Astronomy (1 unit)

**1. Basics of Positional Astronomy & Time (2h lecture )**

Lecturer : Dr Sudhanshu Barway (SB; [barway@sao.ac.za](mailto:barway@sao.ac.za))

06 August Thursday

**2. Telescopes I : Optical Principles, Mount & Mirrors (2h lecture)**

Lecturer : Dr Petri Vaisanen (PV; [petri@sao.ac.za](mailto:petri@sao.ac.za))

11 August Tuesday

**3. Telescope II : The Atmosphere & Adaptive Optics (2h lecture)**

Lecturer : Dr Petri Vaisanen

☛ 14 August Friday 11:00-1:00 am **Please note change in date and time**

**4. Detectors I (1.5h lecture)**

Lecturer : Dr David Buckley (DB; [dibnob@sao.ac.za](mailto:dibnob@sao.ac.za))

25 August Tuesday

**5. Detectors II (1.5h lecture)**

Lecturer : Dr David Buckley

27 August Thursday

**6. Photometry (2h lecture)**

Lecturer : Dr Sudhanshu Barway

08 September Tuesday

**7. Virtual Observatory (1h lecture)**

Lecturer : Dr Sudhanshu Barway

17 September Thursday

**8. SALT telescope (1h lecture)**

Lecturer : Dr David Buckley

29 September Tuesday

**9. Spectroscopy (2h lecture)**

Lecturer : Dr Steve Crawford (SB; [steve@sao.ac.za](mailto:steve@sao.ac.za))

06 October Tuesday

## 10. Near-Infrared Technique I (2h lecture)

Lecturer : Prof Tom Jarrett (TJ; [jarrett@ast.uct.ac.za](mailto:jarrett@ast.uct.ac.za))

15 October Tuesday

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## Tutorials & Labs

IRAF/Photometry Tutorials	10 Sep (14:00-16:00; SB )
IRAF/Photometry Tutorials	15 Sep (14:00-16:00; SB )
Virtual Observatory lab	17 Sep (15:00-16:00; SB )
Virtual Observatory lab	01 Oct (14:00-16:00; SB )
IRAF/Spectroscopy Tutorials	08 Oct (14:00-16:30; SC/SB )
IRAF/Spectroscopy Tutorials	13 Oct (14:00-16:30; SC/SB )

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