



Colour Vision Assessment Course - Leipzig University

“Minimum colour vision requirements for pilots – introduction to the CAD test”

Date: 26th October, 2012

Programme

Morning

9:00 – 10:30 Set up CAD system, check calibration, carry out test run

10:30 – 12:00 Working with the CAD test (Practical session)

- *Menu options*
- *Certification / Environments*
- *Advanced tests / Pass-Fail border limits*
- *Interpretation of results (normal, congenital and acquired deficiency)*
- *File formats for exporting data*
- *Discussion of typical patterns of colour vision loss*
- *Display calibration program*

12:00 – 12:30 *Informal discussion / questions & answers*

Afternoon

13:00 – 13:45 Introduction to colour vision and methods for colour vision assessment

- *Conventional colour vision assessment*
- *Classification of colour vision deficiency*
- *Variability in chromatic sensitivity*
- *Description of the CAD test*
- *Normal, age-corrected CAD threshold limits*
- *Clinical applications of colour assessment*

13:45 – 14:00 *Informal discussion / questions & answers*

15:15 – 16:00 CAD test limits for occupational environments: Aviation, Air Traffic Control / Certification

16:00 – 16:30 *Questions session, coffee break, informal discussion*

John L Barbur

Professor of Optics & Visual Science,
Applied Vision Research Centre,
City University, London EC1V 0HB.
Tel. +44 (0) 20 70408357, johnb@city.ac.uk
<http://www.city-occupational.co.uk/cad/>

