High Definition & Digital Cinema Ltd in collaboration with Creative Skillset

present a new training course

THE DIGITAL IMAGING TECHNICIAN

The Digital Imaging Technician (DIT) is a fast-evolving on-set role with ever increasing responsibilities. In the film world this function would have been carried out by the Clapper Loader, but in Digital Cinema the role has expanded immensely. DITs need to know about image capture, quantization, digital theory, camera chip formats, prism, Bayer patterning on image chips, the meaning of RAW, colour separation, true resolution, gamma and log processing, compression schemes and pitfalls, recording systems, file formats, storage operating systems, workflows, metadata and logistics.

The course is aimed at existing professional camera crew, as well as post-production personnel such as data wranglers, who need digital imaging and data management skills to increase their employment prospects. Theoretical training will be given, followed by practical hands-on experience with several commonly-used products from supporting organisations.

This workshop will take place at
BFI Southbank, London
4-5 December 2014

Course Leaders:

Peter Wilson has been involved in bleeding-edge moving image technology for nearly four decades. He runs his own consultancy High Definition and Digital Cinema Ltd, is a Director of the EDCF (European Digital Cinema Forum) and of the ECA (Event Cinema Association), and is a Fellow of the BKSTS and an active member of SMPTE.

Martin Parsons created his consultancy company Image Eyes Ltd focusing on the scientific investigation, technical evaluation, design and implementation of image quality, workflow and colour management for the motion picture and television industries. He is a course author and instructor for the International Association of Broadcasting Manufacturers and has served on the Technical Committee of the British Society of Cinematographers.

On completion of the course the delegates will be able to understand:

- *The role of the DIT*
- *The role of the Data Wrangler*
- *The basics of digital cameras*
- *Sampling theory*
- *The implications of camera imaging sensor choice on system requirements*
- *MTF and sampling*
- *The various forms of colour coding & colour spaces*
- *What gamma and log processing means*
- *What RAW means and how to digitally process it*
- *Compressed file systems*
- *Uncompressed file systems*
- *Connections & interfaces*
- *Common camera media types*
- *Common file formats*
- *Metadata handling*
- *eXtensible Markup Language (XML)*
- *What ingest means and how to organize it*
- *Asset management*
- *On-set grading*
- *Data wrangling workflows*
- *Dailies*
- *Common distribution formats*

COURSE FEE: £250 + VAT
limited to 16 places

Please identify your company or organisation when purchasing places for this course.

www.hddc.co.uk

Please contact **training@hddc.co.uk**
for more information or to pay by Bank Transfer