# Technical Instrument Instructor Experience

Course Instructor: Austin Blanco
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**Professional Summary:**

- 7 years experience in research digital imaging system sales, design, construction and programming.
- Developed automated image acquisition/processing routines for over 50 labs in California and Arizona.
- Experienced with MetaMorph, Image Pro, SimplePCI, NIS Elements and ImageJ.
- Designed acquisition and processing application for live cell imaging.
- Designed high speed device control interface used for advanced image acquisition hardware sequencing.
- Provided technology feasibility analysis and imaging training courses to France and India.
- Past clients include electronic component manufacturers, research institutions, Federal and State labs.
- Represented leading hardware and software manufacturers in live cell research market.

**Technical Training:**

- 3D Microscopy of Living Cells. Vancouver B.C. 2002
- MetaMorph Basics, Journal Development and Administrators Courses. Downingtown, PA 2002-2003.
- Media Cybernetics Introduction to Image Pro, Customizing Image Pro with Scripting, Applications Development with IQ Studio. San Diego, CA / Silver Spring, MD 2001- 2002, 2006.
- Photometrics CCD Fundamentals, CCD Advanced Imaging Techniques. Tucson, AZ 2006
- UIC FRET Workshop. Las Vegas, NV 2004

**Product/Manufacturer Experience:**

- Universal Imaging Corporation (MetaMorph, Metafluor, Discovery1)
- Photometrics (Cameras, Voodoo, RS Image, PVCAM, WinView)
- QImaging (Cameras, Q-Capture, Q-Capture Pro)
- Nikon (Microscopes, Confocals, Cameras, ACT-1/2, NIS Elements)
- Other Research Class Microscopes (Leica, Zeiss, Olympus)
- Sutter Instruments (Lambda Series, Shutters)
- Prior Scientific (Stages, Filter Wheels)
- Ludl (Stages, Slide Handlers, Filter Wheels, Shutters)
- ASI (Stages, Filter Wheels)
- Yokagawa (Confocals)
- Hamamatsu (Cameras, Wasabi)
- Media Cybernetics (Image Pro Series, In Vivo, IQ Basic, IQ Studio, EXPIO, Scope Pro, )
- NEOS (AOTF/Controllers)
- Objective Imaging (High Speed Stage Control Processors)
- Mad City Labs (Piezoelectric Focusing Mechanisms)