
Subject: Re: Teaching material

Posted by [Wayne Landsman](#) on Wed, 28 Nov 2001 18:15:07 GMT

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Markus Reichstein wrote:

- > Dear all,
- > it is decided, that I will give an internal course about the basics of
- > IDL and PV-WAVE starting next week (spontaneous group decision...).
- > Now I am wondering if there is some didactical material (e.g. PPT
- > Presentation, explaining array handling etc., a well-tested
- > time-schedule for a course with programming beginners ...) around that
- > anyone would share with me

I know of two instructional college courses about IDL taught by astronomers with online notes and exercises. (Presumably at a beginning level, most of the material can apply to fields besides astronomy.)

Robert O'Connell (U. of Virginia) has written a guide to IDL for

Astronomers

(<http://www.astro.virginia.edu/class/oconnell/astr511/IDLguide.html>)

including exercises for class work.

(<http://www.astro.virginia.edu/class/oconnell/astr511/IDLexercises/IDL-Exercises-I.html>

)

Carl Heiles (UC Berkeley) has written a set of postscript file tutorials on "Learning IDL

for Astronomy" (

<http://www.ugastro.berkeley.edu/tutorials/tutorials.html>)

There is also a course on "Programming for Imaging Science" at the Rochester Institute of Technology <http://www.cis.rit.edu/class/simg211/> which is an introduction to Unix and IDL.

--Wayne Landsman landsman@mpb.gsfc.nasa.gov
