Training issues for ATLAS Computing

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Training issues

- Who needs to be trained?
- What training is needed?
- Where should this training be done?
- How should this training be done?

Who needs training?

- The CORE software producers
- The systems software producers
- The end-users

What training is needed?

General training

- Requirements, analysis and design
- UML
- Object Oriented C++

What training is needed? (2)

Specific training

- ATLAS specifics (process, coding rules)
- GEANT4
- Objectivity
- Tools (STP, Rose, cvs, srt etc.)
- etc.

Where should the training be done?

- In the home country
  - At institutes/universities
- At CERN
- The desktop, using recorded tutorials, CD ROMs, books, videos

General courses

- CERN training courses adjacent to ATLAS weeks/ software weeks
- Condensed John Deacon course, given to LHCb: requirements, analysis, design, hands-on C++
  - **First one scheduled 14/6/1999 - 18/6/1999?**
  - **16 participants on 8 workstations**

Who follows what?

- Full course (**mandatory?)** for all system software coordinators, DIG, main software providers
- Design, UML basics, OO C++ for end-users

Steps to be taken (1)

- Systems appoint coordinators by May 15th
- Coordinators follow the full training course
- National training contact people nominated
- Information on training in the different countries communicated to training coordinator

Steps to be taken (2)

- Identify suitable courses
- Propose courses as necessary

Steps to be taken (3)

- Compile lists of recommended
  - Books
  - CDs
  - Videos
  - URLs
- Create web pages - see example at home.cern.ch/~onions/training/training.html

All suggestions are welcome!