Introduction to Bioinformatics course: IBT

Staff Training
Day 1 Part 4
How will the course run?
IBT course design – main components

**Prerecorded lectures by experts - distance learning**

- Videos to become available on the course website at least a few days before each contact session
- Head TA/sys admin to ensure that the videos have been downloaded ahead of each contact session
- TAs to familiarize themselves with content before the contact session

**Local Classrooms - face to face**

- Bi weekly contact sessions
- Local administrative and academic support
- TAs and sys admin needed at every session

**Course management platform - online learning**

- Practical assignments
- Module assessments
- Question and discussion forums
- Feedback forms

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OER
VIRTUAL CLASSROOM

classroom site
expert trainer
Contact session layout

Typical day plan

<table>
<thead>
<tr>
<th>time</th>
<th>activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:20 CAT</td>
<td>Sign in to Mconf</td>
</tr>
<tr>
<td>10:30 CAT</td>
<td>Introduction (in Mconf) webcams activated!</td>
</tr>
<tr>
<td></td>
<td>• Meet the trainer</td>
</tr>
<tr>
<td></td>
<td>• Meet the featured classroom</td>
</tr>
<tr>
<td>10:40 CAT</td>
<td>Watch lecture recordings (in classroom)</td>
</tr>
<tr>
<td>12:30 CAT</td>
<td>break</td>
</tr>
<tr>
<td>13:00 CAT</td>
<td>Work through practical assignment (trainer will be available during this time to answer questions via Mconf chat or Vula forums)</td>
</tr>
<tr>
<td>14:00 CAT</td>
<td>Ask the trainer</td>
</tr>
<tr>
<td></td>
<td>• Practical session wrap up</td>
</tr>
<tr>
<td></td>
<td>• Q&amp;A</td>
</tr>
<tr>
<td></td>
<td>• Question of the day: ‘…’</td>
</tr>
</tbody>
</table>

**TA responsibilities during contact sessions:**
- Answer queries about the lecture recordings and practical assignments (tips and tricks for facilitating will be covered in tomorrow’s session)
- Encourage participants to ask questions via Mconf or via Vula forums
- Record attendance
- Engage and make yourself available

**Sys admin responsibilities during contact sessions:**
- Ensure that projector is set up
- Log into Mconf room
- Ensure that all the computers are working
- Troubleshoot any tech issues – slack group
The url for the IBT meeting room in Mconf is:

https://mconf.sanren.ac.za/webconf/IBT

- One login per classroom (use classroom acronym e.g. UCT)
- Wait moderator approval

Please note: the IBT meeting room will only be available during contact session time or by prior arrangement with the IBT core team.
Welcome to H3ABioNet's IBT_2016 course!

This course is an introduction to the field of bioinformatics, with a focus on important bioinformatic tools, algorithms and resources. It combines theoretical and practical sessions to allow participants to gain practical experience in using various tools and resources.

The lecture recordings, and more information on the classrooms, may be viewed at: http://training.h3abionet.org/IBT_2016/

Introduction to Bioinformatics online course: IBT Staff Training | Kim Gurwitz
Vula site for staff

Try it yourself! – just for fun 😊
For participants to pass the course...

In order to pass the course, participants are required to:

• Attend all contact sessions.

• Submit 90% of practical assignments by the relevant hand-in date.

• Submit assessments by the relevant hand-in date and obtain a minimum grade of 60% overall for the assessments.
Consolidation Sessions

• Every few weeks
• A mental ‘breather’
• Explore real world relevance of a topic
• Group exercise
• Submit response via Vula forums

Watch video labeled:
Day 1 Part 5