CSCE 330 Fall 2015

**Oral Presentation Schema**

**Objective:** Introduce audience to an alternative contemporary high level programming language

**Deliverables:** 1. Group presentation in class on assigned day. Each group will consist of three students (with one or two exceptions). Each student must have a substantive part in the presentation. The whole presentation lasts six (6) minutes, including 20 seconds for one question at the end.

2. Slides. The allowed formats are pptx and pdf. Presentation should be submitted through the departmental dropbox. The number of slides in “Presentation Content” below is approximate.

3. A short program in docx, pdf, or txt format.

**Presentation Content:**

A Title Slide, including names of team members and references, is required.

1. Overview in context of relevant paradigm (language family) and problem domains—1 slide

2. Set language in its historical and problem domain context. How did the language evolve?—2 slides

3. Language concepts, focusing on new or interesting concepts—3 slides

4. Examples of usage: this must include a short program that highlights some of the new or interesting concepts. The group must show a transcript or screen capture indicating that the program was compiled (or interpreted) and executed—1 slide or more, as needed.

5. Provide comparison with other languages—1 slide

**Some Internet Resources**

The main resource is the *Computerworld* series of articles “The A-Z of Programming Languages.” See elsewhere on the website for links.

See the links under “Some useful links” with short programs written in many different programming languages.

http://dir.yahoo.com/Computers\_and\_Internet/Programming\_and\_Development/Languages/

<http://www.hypernews.org/HyperNews/get/computing/lang-list.html>

<http://dmoz.org/Computers/Programming/Languages/>