**Template for Affordance Analysis of an ICT Tool Based on the PST Model**

**(ver 2.0)**

**Instructions**

The name of the ICT tool is: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

The URL of the example using the tool is:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Briefly describe the purpose and the way of using the tool in the example

**Pedagogical Affordance**

**Syllabus** (Does the tool allow the instructor to specify any of the follows?)

[ ]  Objectives

[ ]  Targeted learners

[ ]  Pre-requisites of course

[ ]  Contact information for the instructor

[ ]  Estimated amount of time needed for completing the course

[ ]  Course schedule

[ ]  Assignment description

**Gagné’s nine events of instruction** (What can the tool support?)

[ ]  Gaining attention (reception)

[ ]  Informing learners of the objective (expectancy)

[ ]  Stimulating recall of prior learning (retrieval)

[ ]  Presenting the stimulus (selective perception)

[ ]  Providing learning guidance (semantic encoding)

[ ]  Eliciting performance (responding)

[ ]  Providing feedback (reinforcement)

[ ]  Assessing performance (retrieval)

[ ]  Enhancing retention and transfer (generalization)

**Pedagogical approaches** (Take the one that the tool is more suitable for)

[ ]  Teacher-centered instruction vs. [ ] student-centered learning

[ ]  Individual learning vs. [ ]  collaborative learning

[ ]  Problem-based vs. [ ]  content-based learning

[ ]  Self-reflection vs. [ ]  online discussion

[ ]  Fixed route vs. [ ] flexible route

[ ]  Process vs. [ ]  product oriented

**Course content organization** (Does the tool support any of the follows?)

[ ]  Topics and subtopics are clearly presented

[ ]  Course content is “chunked” for more manageable learning

[ ]  External links can be added

[ ]  Instructional materials required can be easily located

[ ]  Organization and sequencing of the course content is logical and clear

[ ]  Additional resources can be added by students

**Learning activities and assessment** (Does the tool support any of the follows?)

[ ]  Standardized questions like MCQs, short answers, or matches

[ ]  Discussions without a single correct answer

[ ]  Collaborative exercises

[ ]  Individual contribution is monitored in group work

[ ]  Portfolios

[ ]  Comments from peers or the instructor

**Social Affordance**

**Safe and comfortable environment** (Does the tool provide any of the follows?)

[ ]  A closed (password-protected) environment

[ ]  Learners can be anonymous

[ ]  Allow editing/removal after posting

[ ]  Postings can be moderated

[ ]  Privacy is protected

**Promote interaction and communication** (Does the tool provide any of the follows?)

[ ]  It shows the profiles of students/teacher

[ ]  “Ice-breaker” activity can be organized

[ ]  Netiquette can be described and enforced

[ ]  Student participation is encouraged

[ ]  Student participation can be monitored

**Appropriate tools to facilitate communication** (Does the tool provide any of the follows?)

[ ]  Asynchronous discussion boards

[ ]  Synchronous “chats”

[ ]  Email

[ ]  Video-conferencing

[ ]  Instant messaging

[ ]  Other social media tools

**Technical Affordance**

**Usability**

[ ]  Easy to learn

[ ]  Easy to navigate

[ ]  Easy to access

[ ]  Error free

[ ]  Customizable

**Aesthetic design**

[ ]  Typeface is easy to read

[ ]  Sufﬁcient contrast between text and background makes information easy to read

[ ]  Appropriate images supporting course content add visual interest

[ ]  Course pages can be in a comfortable length

[ ]  Attractive

**Power** (Does the tool support the follows?)

[ ]  Large cloud storage?

[ ]  Stable connection

[ ]  Fast enough access speed

[ ]  Big data recording and analysis

[ ]  Multimedia presentation

**Technical support** (Does the tool provide support on any of the follows?)

[ ]  Information/tutorials on how to use the program

[ ]  Contact information for technical support or Help Desk

[ ]  Tips for avoiding and dealing with computer viruses

[ ]  Sources for any required plug-ins (and links)

[ ]  It requires minimum computer hardware and software

[ ]  FAQs

**Additional comments on the affordances of the tool**

Pedagogical affordance:

Social affordance:

Technical affordance