

PRBB Intervals Course Proposal

Course Title:

The mathematics of creativity

Proposed date(s)

4th December, 2 workshops.

Edition 1: 9:30 – 11:00

Edition 2: 11:30 – 13:00

Course Language:

English

Course Leader(s) and very brief summary of relevant qualifications and experience (no more than 2 lines for each trainer)

Tobias Rodrigues - Master's in conflictology. Degree in philosophy. Effective teamplayer trainer. Professional experience in penitentiary institutions and hospitals with terminal patients.

Rationale for course (why is this course of interest for the PRBB staff?)

The workshop equips participants with creativity techniques to innovate in their work in a systematic way.

Course aim - general

Introduce participants to the core ideas and techniques of the book "[INSIDE THE BOX: A Proven System of Creativity for Breakthrough Results](#)" by Drew Boyd and Jacob Goldenberg, mainly, that there are patterns to creativity, and that we can approach innovation systematically by applying specific techniques to find creative solutions to problems.

Specific learning outcomes (what new skills, knowledge &/or attitudes will participants take away from the course?)

3 techniques for systematic creativity

Course contents (outline of topics to be covered)

- Introduce book
- Present the techniques
- Demonstration of how techniques work
- Participants apply techniques in teams

Training methods

Presentation, demonstration, group exercises

Target group in PRBB (Senior scientists, postdocs, predocs, management/admin staff, all residents)

All PRBB

Number of participants (maximum)

15

Total course hours (Please specify: direct training with instructor present and required self-study)

Note: only the direct training hours will be included in the post-course certificate.

Number of hours of class time: 1.5

Number of hours of self-study: 0

Total number of course hours: 1.5

Pre-course preparation and/or between sessions?

Optional but recommended: The book by Drew Boyd and Jacob Goldenberg, *INSIDE THE BOX: A Proven System of Creativity for Breakthrough Results*

Material participants need to bring (laptops, etc...)

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Relevant background reading/ audiovisual/websites or other materials

[*"INSIDE THE BOX: A Proven System of Creativity for Breakthrough Results"*](#) by Drew Boyd and Jacob Goldenberg.