Course: Multinational Exercise “Collaborative Comprehensive Approach” (MECCA)

Topic for scenario: Management and leadership of multidisciplinary project in Africa under guidance of United Nations Development Program (UNDP) - Mission “Interagency Globe”

Lecturer: Prof. Dr. Markus Bresinsky

Objectives:

Objective of the course is to coach and mentor students to develop, implement and evaluate a multinational exercise in a virtual collaboration environment, which trains specific management and leadership skills in a comprehensive approach scenario as well as deepens understanding of subject matter expertise in multidisciplinary development projects.

The course intends to advanced knowledge of a field of study, involving a critical understanding of theories and principles in that subject matter domain. It also aims to advanced skills, demonstrating mastery and innovation, required to solve complex and unpredictable problems in a specialised field of study. It trains to manage complex technical or professional projects, taking responsibility for decision-making in unpredictable work contexts. Finally, it teaches to take responsibility for managing professional development of individuals and groups.

Students will be assigned to one of three teams (see below) with specific tasks and roles. In general, each team has individual learning objectives.

Competencies:

I. Team Exercise Management: Students will learn or train
- project management and team leadership;
- to develop a scenario, training objectives, scripting, role plays and analysis concept for the conduct of the exercise;
- to manage IT support and facilities;
- to prepare, introduce and coach the training audience.
- to conduct analysis and to give feedback.

II. Team Training audience: Based on specific training objectives triggered by the scenario students will learn or train
- project and task management in virtual and real teams;
- skills and competencies of virtual collaboration;
- management and leadership of teams, especially in situation of stress and complex problem-solving;
- to deepen the understanding and specific analysis competencies in a subject matter domain of their expertise or transdisciplinary context;
- to use IT hard- and software as well as information sharing and knowledge management platforms.

III. Team Analysis and Stakeholder Relationship Management: Students will learn and train
- to conduct analysis and evaluation;
- to support exercise management and training audience;
- to give feedback and produce evaluation reports;
- to assist and develop subject matter experts and stakeholder.

Content:

A. Exercise Preparation and Implementation

Scenario development and scripting (main event and main incident list);
Role play development and scripting;
Time schedule and milestone plan;
IT, facility management and real life support;
Preparation of info reader, support material and marketing;
In-briefing of subject matter experts, participants and stakeholders;
B. Exercise Run
Steering and controlling of exercise;
Project and task management in virtual and real teams within exercise scenario;
Distinguished visitors, subject matters experts and stakeholder management;
Update, and back-briefing;
C. Exercise Analysis, Evaluation and Feedback
Analysis and evaluation of team performance and project outcome within exercise scenario;
Exercise evaluation and feedback;
Documentation and reporting;

Grading/Evaluation
Written protocol (English) max. 2000 words about work load (tasks and time spent), lessons identified and lessons learned

Attendance
Max. 45 students (circa 15 IRM, circa 15 BW, 15 circa other faculties)

Admission
Registration via mail (Katrin.baumgartner@oth-regensburg.de)
Attendance at kick-off meeting and exercise run mandatory

Start
Kick-off meeting 2017-03-22 Time 18:45 Room G003
Preparation Phase with meetings by appointment
Exercise Dry Run 2017-04-27 Time 18:45 and-2017-04-28 Time 18:00-23:00
Exercise Hot Run 2017-05-08 until 2017-05-11 Time 15:00-22:00

Special Note
The course will be conducted together with students of the study program "International Relations and Management" and other engineering faculties.

(*) available in OTH library see “Semesterapparat” (course reserve)
Bresinsky: 

(**) online accessible via OTH domain

General introduction to scenario topic
Challenges and best practices virtual organization and collaboration

Afsarmanesh, Hamideh; Camarinha-Matos, Luís M.; Lucas Soares, António (Hg.) (2016): Collaboration in a Hyperconnected World. 17th IFIP WG 5.5 Working Conference on Virtual Enterprises, PRO-VE 2016, Porto, Portugal, October 3-5, 2016, Proceedings. Cham, s.l.: Springer International Publishing. (IFIP Advances in Information and Communication Technology, 480). Online: http://dx.doi.org/10.1007/978-3-319-45390-3 (**)


Benkhoff, Birgit; Engelien, Martin; Meißner, Klaus; Richter, Peter (Hg.) (2011): Erfolg beim Management virtueller Organisationen. Durch Frühwarnung Risiken vermeiden. Stuttgart: Kohlhammer. (*)


Important links:
http://www.undp.org/content/undp/en/home/operations/about_us/organisational_chart.html