

**OUTCOMES-BASED TEACHING & LEARNING (OBTL)****ASSOC. PROF. DR. JAAFAR JANTAN (UiTM)****Faculty of Applied Sciences, University Teknologi MARA, Shah Alam****OBTLA WORKSHOP for Beginning Post-Secondary Teachers****Introduction:**

This learning module intends to provide participants with the knowledge and understanding and the necessary experiences to conduct a constructively aligned and effective classroom teaching. I will describe, explain, coach participants to effectively plan and deliver and assess classroom instructions that are research-validated.

**My planned objectives are (what I will be doing) to:**

1. Describe the quality assurance in Malaysian postsecondary education and its relevance to VISION 2020.
2. Describe characteristics of 21st Century Learners.
3. Lead discussion on the conceptions of learning and teaching and assessment in the 21<sup>st</sup> Century.
4. Describe the philosophy of Outcomes-Based Education & the design of Outcomes-Based Education Curriculum in Malaysian Higher Education.
5. Explain the LOKI curriculum mapping process (curriculum and depth matrix).
6. Explain the formulation of Course Learning Outcomes (CLOs) (& Student Learning Time).
7. Model a critical analysis of the curriculum and the syllabus.
8. Model a few of the research-validated meaningful instructional practices.
9. Assess and provide constructive feedback on the teaching performance for each participant through Microteaching.

**Planned Learning Outcomes (what YOU will know and be able to do- your TAKE-AWAY)****Upon successful completion of this workshop, you will be able to:**

1. Discuss the impact of 21st Century Learning & Malaysian quality assurance on your classroom practices.
2. Explain the role of learning outcomes and curriculum mapping on your classroom teaching.
3. Critically reflect the relevancy and appropriateness of your understanding of learning and teaching
4. Critically review the existing course syllabus for alignment.
5. Plan a constructively aligned lesson.
6. Deliver an effective, meaningful and constructively aligned classroom teaching.

**Teaching Learning Activities:**

1. Sessions 1-6 will be done via Interactive engagement, cooperative learning and Direct instruction where appropriate. I shall facilitate dialogues and group activities with appropriate and relevant examples throughout the sessions. Participants will also determine their learning preferences via online as part of the learning activities on Day 1.

2. I will provide pre-workshop learning materials for initial reading 2 weeks prior to the scheduled workshop. We will utilize the face-to-face sessions for dialogue and group activities.
3. Participants will be doing 10 minutes microteaching beginning after lunch on Day 2.

**TOOLS:**

1. I recommend a workshop-type setting where a table will only consist of 3-4 participants.
2. Each participant is required to have a laptop and each table is highly recommended to have a projector.
3. Secretariat must prepare enough plug-points extension (power extensions) throughout the duration of the workshop.
4. I recommend that a printer be made available.
5. I encourage flip charts and accessories be made available for each group.
6. Provide a projector, a hands-free, clip-on (condenser) microphone (or the type that goes over the ear) for me.

**Dynamic Planned Sessions.****DAY 1**

Session 1 : Impact of 21<sup>st</sup> Century Learning & Quality Assurance on HE Classroom Practices  
Date : June 12<sup>th</sup>, 2013 (Weds)  
Time : 9.00 pagi – 10.15 am  
Venue :

Session 2 : Guiding Classroom Practices Via Learning Outcomes (LOs) & Curriculum Mapping  
Date : June 12<sup>th</sup>, 2013 (Weds)  
Time : 10. 45 am – 12.45 pm  
Venue :

Session 3 : Bridging Teacher's Conceptions of Learning & Teaching with 21<sup>st</sup> Century Learning  
Date : June 12<sup>th</sup>, 2013 (Weds)  
Time : 2. 00 pm – 3.30 pm

Session 4 : Constructively Aligning Teaching-Learning Activities and Assessment Tasks with LOs.  
Date : June 12<sup>th</sup>, 2013 (Weds)  
Time : 4. 00 pm – 5.30 pm

**DAY 2**

Session 5 : Research-Validated Instructional Practices That Promote Learning  
Date : June 13<sup>th</sup>, 2013 (Thursday)  
Time : 9. 00 am – 10.15 am

Session 6 : Planning Your Constructively Aligned Learning & Teaching Activities  
Date : June 13<sup>th</sup>. 2013 (Thursday)  
Time : 10. 45 am – 12.45 pm

Session 7 : Delivering & Assessing Your Lessons (Microteaching)  
Date : June 13<sup>th</sup>, 2013 (Thursday)  
Time : 2. 00 pm – 5.30 pm

**“The Illiterate of the 21<sup>st</sup> century will not be those who can't read or write but those who can't learn, UNLEARN and RELEARN”** Alvin Toffler

## Jaafar Jantan aka Dr JJ (Associate Professor, Dr.)

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Associate Professor Dr Jaafar Jantan or better known as Dr JJ is a strong believer of utilizing arts and sciences in facilitating and coaching students learning experiences. His journey as an educator and coach for the past 20 years has been guided by his motto, **JEBAT** (**J**ourney towards **E**nhancement & **B**alance by utilizing the **A**rts & sciences in the **T**eaching & Learning). His own learning experiences as a student at Kansas State University and as a novice university lecturer at Institut Teknologi MARA (now known as Universiti Teknologi MARA) in the late 80s, made him determined to change the way he teaches in the 21<sup>st</sup> Century. Hence, his decision to switch from Condensed Matter Physics to Physics Education for his doctoral degree at Kansas State University was not by chance. The learning engagement and learning experiences through the many workshops he conducted while pursuing his PhD taught him the value of student-centered learning approaches and the value of alternative assessment strategies to collect evidences of students learning.

Today, Dr JJ is the sole recipient of the coveted and prestigious Science Teaching Award, National Academic Award, an award bestowed by the country only to the most creative and innovative higher education science teacher. In addition, he is also a sought-after coach and facilitator to conduct Outcomes-Based Teaching & Learning workshops by local universities. Talking and engaging audiences are his expertise and Dr JJ is indeed an outstanding speaker. Hence, it is not surprising that he receives many invitations to deliver keynote and invited presentations at conferences and at many scholarly events involving curriculum design, assessment and learning and teaching approaches. These presentations and workshops also include concept mapping as tools for gathering evidence **FOR** and **OF learning**.

His position as the Vice-Chairman of Asian Physics Education Network (UNESCO) and Chairman of Asian Physics Education Network, Malaysian Chapter along with his experiences and accomplishments has been vital in his effort to support students' and faculty members' learning growth towards nurturing intellectual capitals and first-class human capitals as envisioned by Malaysia.