Using IVLE to implement the 7 principles of effective teaching

The “Seven Principles of Effective Teaching” developed by Chickering and Gamson has been a guiding force for quality education, and represents a philosophy of engagement, cooperation, learning community, interaction, quality, and efficiency. These seven principles embodies the following characteristics:

- Encourages Student-Faculty Contact
- Encourages Cooperation Among Students
- Encourages Active Learning
- Gives Prompt Feedback
- Emphasizes Time on Task
- Communicates High Expectations
- Respects Diverse Talents & Ways of Knowing

The table below outlines the role of IVLE in supporting both effective teaching and enhanced learning.

<table>
<thead>
<tr>
<th>Principle</th>
<th>Strategies</th>
<th>Implementation using IVLE Tools</th>
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</thead>
<tbody>
<tr>
<td>1. Encourage student-faculty contact</td>
<td>• Building the initial contact with students one week before class begins</td>
<td>• Email / Distribution lists</td>
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<td>• Clarifying misunderstood concepts, and fielding questions</td>
<td>• IVLE Discussion Forum (Online discussions)</td>
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<td>• Checking students’ understanding of classroom policies, tests, or projects</td>
<td>• IVLE Poll</td>
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<td>• Provide electronic office hours</td>
<td>• IVLE Chat room</td>
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<td>• Record chat room conversations for follow-up</td>
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<td>2. Encourage cooperation among students</td>
<td>• Set up a “buddy system” or “project groups for collaboration”</td>
<td>• Class groups/project groups using Class management</td>
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<td>• Think-pair-share</td>
<td>• Assign class groups to IVLE discussion forums and chats</td>
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<td>• Team assignment</td>
<td>• IVLE Workbin – student submissions</td>
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<td>• Publish student work for peer feedback / evaluation</td>
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<td>3. Encourage active learning</td>
<td>• Post weekly announcements to introduce the week’s topic</td>
<td>• IVLE Announcement</td>
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<td>• Require participation</td>
<td>• IVLE Discussion Forum/</td>
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<td>• Form learning teams</td>
<td>• IVLE Chat room</td>
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<td>• Require group-based electronic publishing</td>
<td>• Generate groups</td>
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<td>• Online tutorials</td>
<td>• Online quizzes - IVLE Assessment</td>
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</table>

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4. **Give prompt feedback**
   - Acknowledgement feedback once essays/papers/assignments are received
   - Post answer keys and suggested answers hours after a test
   - Provide constructive feedback
   - Email
   - Online quizzes/test using IVLE Assessment tool / Gradebook
   - Instructor participation in online discussions and chats

5. **Emphasize time on task**
   - Timed quizzes
   - Extend classroom discussion online
   - Posting articles and readings
   - Posting notes and outlines
   - IVLE Assessment
   - IVLE discussion forum/ IVLE chatroom
   - Text and readings
   - IVLE Workbin / Syllabus

6. **Communicate high expectations**
   - Clearly communicate your expectations including: learning outcomes, assignments, activities, due dates, grading scales, class policies
   - Post course rubrics
   - Post overall quiz statistics along with grades
   - Publish examples of high quality student work
   - Module Description; Syllabus
   - IVLE Workbin
   - IVLE Gradebook
   - IVLE Workbin

7. **Respect diverse talents and ways of learning**
   - Vary types of quizzes and assignments
   - Collaborate in groups or work alone
   - Providing multiple content formats
   - IVLE Assessment
   - IVLE Discussion forums / chats
   - Multimedia Bank and using IVLE weblinks to link your Audio/video podcasts, Screencasts, or Breeze presentations

**References:**