

# 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.

Principle	Strategies	Implementation using IVLE Tools
<b>1. Encourage student-faculty contact</b>	<ul style="list-style-type: none"> <li>• Building the initial contact with students one week before class begins</li> <li>• Clarifying misunderstood concepts, and fielding questions</li> <li>• Checking students’ understanding of classroom policies, tests, or projects</li> <li>• Provide electronic office hours</li> <li>• Record chat room conversations for follow-up</li> </ul>	<ul style="list-style-type: none"> <li>• Email / Distribution lists</li> <li>• IVLE Discussion Forum (Online discussions)</li> <li>• IVLE Poll</li> <li>• IVLE Chat room</li> </ul>
<b>2. Encourage cooperation among students</b>	<ul style="list-style-type: none"> <li>• Set up a “buddy system” or “project groups for collaboration”</li> <li>• Think-pair-share</li> <li>• Team assignment</li> <li>• Publish student work for peer feedback / evaluation</li> </ul>	<ul style="list-style-type: none"> <li>• Class groups/project groups using Class management</li> <li>• Assign class groups to IVLE discussion forums and chats</li> <li>• IVLE Workbin – student submissions</li> </ul>
<b>3. Encourage active learning</b>	<ul style="list-style-type: none"> <li>• Post weekly announcements to introduce the week’s topic</li> <li>• Require participation</li> <li>• Form learning teams</li> <li>• Require group-based electronic publishing</li> <li>• Online tutorials</li> </ul>	<ul style="list-style-type: none"> <li>• IVLE Announcement</li> <li>• IVLE Discussion Forum/</li> <li>• IVLE Chat room</li> <li>• Generate groups</li> <li>• Online quizzes - IVLE Assessment</li> </ul>





<p><b>4. Give prompt feedback</b></p>	<ul style="list-style-type: none"> <li>• Acknowledgement feedback once essays/papers/assignments are received</li> <li>• Post answer keys and suggested answers hours after a test</li> <li>• Provide constructive feedback</li> </ul>	<ul style="list-style-type: none"> <li>• Email</li> <li>• Online quizzes /test using IVLE Assessment tool / Gradebook</li> <li>• Instructor participation in online discussions and chats</li> </ul>
<p><b>5. Emphasize time on task</b></p>	<ul style="list-style-type: none"> <li>• Timed quizzes</li> <li>• Extend classroom discussion online</li> <li>• Posting articles and readings</li> <li>• Posting notes and outlines</li> </ul>	<ul style="list-style-type: none"> <li>• IVLE Assessment</li> <li>• IVLE discussion forum/ IVLE chatroom</li> <li>• Text and readings</li> <li>• IVLE Workbin / Syllabus</li> </ul>
<p><b>6. Communicate high expectations</b></p>	<ul style="list-style-type: none"> <li>• Clearly communicate your expectations including: learning outcomes, assignments, activities, due dates, grading scales, class policies</li> <li>• Post course rubrics</li> <li>• Post overall quiz statistics along with grades</li> <li>• Publish examples of high quality student work</li> </ul>	<ul style="list-style-type: none"> <li>• Module Description; Syllabus</li> <li>• IVLE Workbin</li> <li>• IVLE Gradebook</li> <li>• IVLE Workbin</li> </ul>
<p><b>7. Respect diverse talents and ways of learning</b></p>	<ul style="list-style-type: none"> <li>• Vary types of quizzes and assignments</li> <li>• Collaborate in groups or work alone</li> <li>• Providing multiple content formats</li> </ul>	<ul style="list-style-type: none"> <li>• IVLE Assessment</li> <li>• IVLE Discussion forums / chats</li> <li>• Multimedia Bank and using IVLE weblinks to link your Audio/video podcasts, Screencasts, or Breeze presentations</li> </ul>

**References:**

- Chickering, A., & Gamson, Z. (1987). Seven principles of good practice in undergraduate education. *AAHE Bulletin*, 39, 3-7.
- Chickering, A. W., & Ehrmann, S.C. (1997). Implementing the Seven Principles: Technology as a Lever. *American Association for Higher Education*.
- Graham, C., Cagiltay, K., Craner, J., Lim, B., & Duffy, T. M. (2000). *Teaching in a Web-based distance learning environment: An evaluation summary based on four courses*. Center for Research on Learning and Technology Technical Report No. 13-00. Indiana University Bloomington.

