

Course Design Examples

Campus vs. Online learning

Instead of planning how to teach for a number of class hours, we plan

how students will learn by designing online learning activities

for a specific period of time (in weeks).



Online learning (a few characteristics)

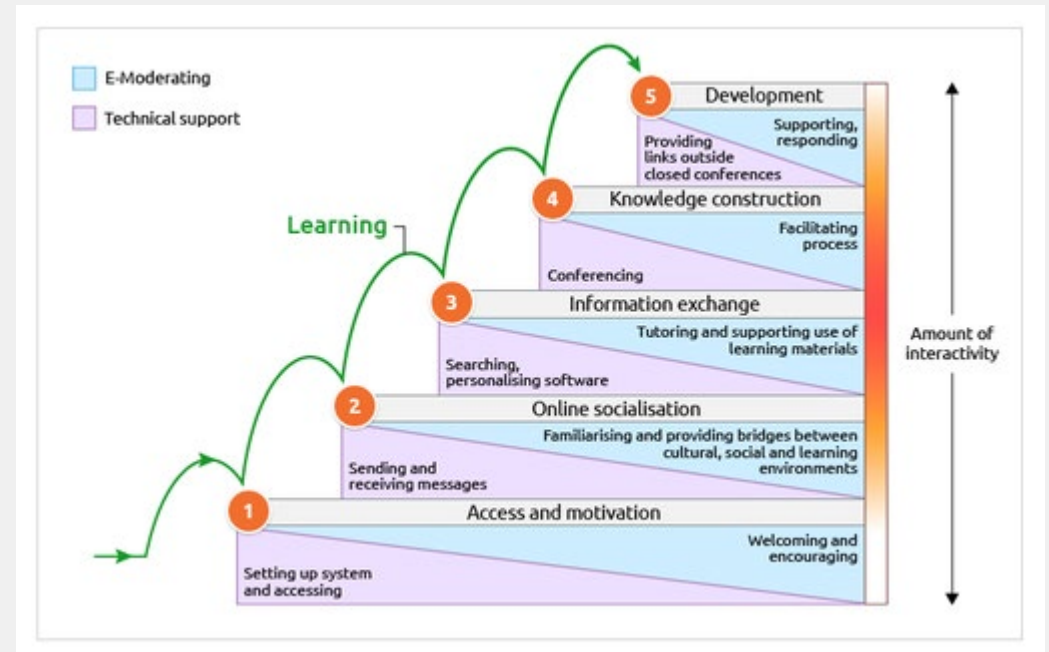


- Flexible
- Active learning
- Learners need to show evidence of their learning
- Strategies to understand if learners are on track (e.g. asking questions on the forum, formative quizzes)

The Five Stage Model

“The five-stage-model offers essential support and development to participants at each stage as they build up expertise in learning online.”

Gilly Salmon



Examples

The image shows a meeting room with a large screen displaying a course schedule for a 'Water Crisis: Groundwater example' course. The screen shows a table with columns for weeks (8, 9, 10) and rows for Topics, Learning outcome, Learning activities, Resources, and Assessment. The table content is as follows:

Weeks	8	9	10
Topics	Title...	Water Crisis: Groundwater	
Learning outcome		Investigate the consequences of the emerging crisis in several of the world's hotspots of groundwater depletion and present solutions	
Learning activities		Pick a problem to work on and elaborate a report with possible solutions (based on a template)	Review others' assignments and defend your own work
Resources	Pumped Dry videos (USA Today)	Pumped Dry website with stories (USA Today)	Student's own research on the problem
Assessment		Report presenting solution to solve the problem	Peer review

In the foreground, a table is covered with handwritten notes and sticky notes. The notes include 'Resources', 'Assessment', 'Introduction', '1.10-12', 'Recycling', 'Thermal break', 'case studies', 'forum', and 'quiz'. A laptop and a water bottle are also visible on the table.

Course design (Leadership for Engineers example)

Weeks	1	2	3	4	...
1 Topics	Introduction...	Leadership models		Title...	
1 Learning objectives		Analyse different leadership models and reflect on your personal leadership style			
3 Learning activities		Explore/study resources: videos & paper Leadership models discussion (forum)	Respond to quiz to check understanding on key concepts Write a reflection on leadership models (individual assignment)		
4 Educational resources		Video hero leader Video chameleon leader	Video visionary leader Video servant leader Paper on Leadership (review)		
2 Assessment		Quiz to check key concepts (closed questions)	Essay/reflection on your personal leadership style		

Course design (Water Crisis: Groundwater example)

Weeks	...	8	9	10	...
1	Topics	Title...	Water Crisis: Groundwater		
1	Learning objectives	Investigate the consequences of this emerging crisis in several of the world's hotspots of groundwater depletion and present solutions			
3	Learning activities		Pick a problem to work on and elaborate a report with possible solutions (based on a template)	Explore the resources and do your own research on the problem	Review others' assignments and defend your own work
4	Educational resources		Pumped Dry videos (USA Today)	Pumped Dry website with stories (USA Today)	Student's own research on the problem
2	Assessment			Report presenting solution to solve the problem	Peer review