

Chapters 1-6

Overall activities/tasks/assessment activities

Observe the overall activities/tasks and the assessment activities: (Yes or No)

1. Include a variety of activities.
2. Promote a learner-centered approach (active learning/task-based/project-based activities) throughout the course.
3. Provide practical examples, real-world applications, case studies.
4. Applicable for future careers as teachers/educators/trainers?
5. Relate to their subject disciplines.
6. Authentic and practical assessment?
7. Support important skills for the future (examples).
 - Analytical thinking
 - Creative thinking
 - Flexibility and agility
 - Motivation and self-awareness
 - Curiosity and lifelong learning
8. Include repetitive tasks that can be integrated together.
9. Balanced workload?

Chapters	Activities/Tasks	Assessment
1	● Watch examples, discuss, and brainstorm. ● Discuss the concept and present their ideas. ● Watch videos, discuss, brainstorm and report. ● Summarize the concept together. ● Provide questions, watch examples, and discuss ideas. ● Search /research the ideas to answer questions. ● Provide additional information to support the students. ● Discuss and present their answers. ● Summarize and provide more concepts.	● Observation ● Report ● Notice the findings/answers. ● Students' answers ● Observation the students' report/findings.

Chapters	Activities/Tasks	Assessment
	● Provide questions. ● Discuss their ideas. ● Research for more information ● Recommend more tools/resources. ● Present their ideas. ● Summarize the concepts.	● Students' answers ● Students' discussion
2	● Show some examples. ● Students choose the tools and explain the uses to their peers. ● Presentation ● Summarize key concepts. ● Provide additional concepts. ● Introduce the key concepts. ● Discussion ● Research tools related to types of ICT Tools. ● Present their findings. ● Discuss and reflect key concepts. ● Watch sample video clips (CANVA) ● Group activities to develop specific tasks assigned by the teacher. ● Present their work. ● Provide feedback and summarize key concepts. ● Watch the video clips (Clipchamp) ● Ask the students to choose the tools and develop a video clip. ● Present their work. ● Provide feedback and summarize key concepts. ● Repeat the steps (Google Form) ● Bring the media they created (CANVA, Clipchamp and Google form) ● Introduce the concept to evaluate the ICT materials. ● Summarize the key concepts together.	● Students' individual/group activities/works

Chapters	Activities/Tasks	Assessment
3	● Watch videos, discuss, and report. ● Discuss ● Observe the examples of teaching plans/ videos. ● Analyze the example lesson plans. ● Presentation ● Group work, analyze the lesson plans and choose appropriate tools/ resources according to the contexts. ● Create a lesson plan designed to suit different contexts and present. ● Reflection and discussion ● Students summarize key lesson learned. ● Introduce the concept. ● Assign a problem and students solve the problem assigned. ● Provide additional information and introduce tools. ● Reflection and summary ● Present different situations. ● Brainstorm ideas to design the activities/lesson. ● Provide additional information and tools to support the students. ● Group presentation ● Reflection	● Students' answers ● Students' answers ● Observe the participation. ● Students' answers ● Observe the students' participation. ● Evaluate the lesson plan. ● Students' answers ● Evaluate performance. ● Evaluate media creation to support activities/lesson.
4	● Write what they know. ● Share the answers with peers. ● Group discussion ● Suggest resources. ● Groups work on the assigned tasks and prepare for presentation. ● Discuss and summarize the key concepts together. ● Explore the tools together. ● Discuss the findings.	● Observe the students' activities (individuals and groups). ● Check the completeness of the tasks assigned.

Chapters	Activities/Tasks	Assessment
	● Project-based / experiential learning activities ● Design LMS ● Present and discuss. ● Create LMS ● Analyze and improve the LMS according to the concept and feedback. ● Present their final work.	● Groups activities ● Completeness of the LMS ● Evaluate the final product
5	● Discussion the criteria of online learning ● Introduce the concept. ● Show a good example for the students to observe and analyze from the example. ● Gradually point out key concepts from the good examples ● Recap and provide the key concept. ● Choose media selection criteria. ● Present the findings. ● Watch the video to answer specific questions. ● Summarize key concepts. ● Search and identify appropriate online learning materials/tools. ● Refer to the students' background of each subject discipline. ● Review the concept of lesson plan design. ● Introduce Chat GPT/Bard tools. ● Create a lesson plan. ● Create teaching and learning materials using AI. ● Present their materials. ● Introduce more AI tools. ● Practice creating materials using AI tools. ● Compare and discuss the materials with classmates.	● Self-assessment ● Students' answers ● Group report ● Checklist ● Evaluation form ● Teaching materials created.
6	● Review previous concept related to AI and link to curriculum design and lesson planning. ● Discuss the use of AI. ● Watch a video about TPACK.	● Students' answers ● Students' collaborative work related to

Chapters	Activities/Tasks	Assessment
	● Collaboratively find out specific answers to questions related to the applications of TPACK. ● Review the instructional design planning concept. ● Draw a mind map to review and summarize the concept. ● Study the instructional design process. ● Group work to find out specific answers to questions assigned by the teacher. ● Present their findings. ● Summarize key concepts. ● Observe a real class/ from the recorded video. ● Apply the framework to analyze the observation for ICT integration. ● Record their observation and report their analysis from the observation. ● Summarize and reflect the key concepts learned from the observations. ● Introduce TPACK analysis framework. ● Relate to the students' subject disciplines. ● Provide guidelines for lesson plan design. ● Design a lesson plan applying TPACK and technology integration. ● Report and reflect their lesson designs. ● Demonstrate their teaching. ● Discuss and reflect ICT Integration. ● Summarize the overview of the course.	curriculum design and lesson planning. ● Students' activities ● Students' report ● Lesson plan / TPACK feedback ● Students' teaching

Final Summary of Assessment Activities

Chapters	Assessment Activities/ Tasks	Approximate time spent on the activities/tasks
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1	-	
2	-1 integrated project: developing content and video. -1 integrated project: developing ICT tools for assessment. (group work)	-4 hours -4 hours -4 hours
3	-1 integrated project: analysis of educational contexts and design plan of activities (group work)	-3 hours
4	-1 integrated project: design LMS platform (group work)	-10 hours
5	-1 integrated project: design a lesson using Chat GPT and develop media using AI tools. (individual work)	-4 hours
6	-1 integrated project: design a lesson, develop content with ICT integration and presentation of the lesson plan. (group work)	-10 hours

Summary of Assessment Tasks:

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| 1. Projects: | 6 integrated projects |
| 2. Types: | 5 group works and 1 individual work |
| 3. Estimated time spending on projects : | 39 hours. |

Suggested Scores / Weights

	Assessment Activities	Weights
1.	2 integrated projects of Chapter 2	30

2.	1 integrated project of Chapter 3	10
3.	1 integrated project of Chapter 4	20
4.	1 integrated project of Chapter 5	10
5.	1 integrated project of Chapter 6/Module	20
6.	Attendance and participation	10
		100%

Further preparation

1. Develop a clear instruction for each project.
2. Develop criteria for each project.
3. Prepare examples for each project.