

**DEPARTMENT OF TECHNOLOGY EDUCATION, IER
UNIVERSITY OF THE PUNJAB, LAHORE-PAKISTAN
Course Outline**

Programme	BS Technology Education	Course Code	MCED303	Credit Hours	3
Course Title	Curriculum Development				
Course Introduction					
The Curriculum Development course provides an introduction to the principles, processes, and practical aspects of designing and evaluating curricula in educational settings. The course aims to equip students with the knowledge and skills needed to develop effective, inclusive, and engaging curricula that meet the needs of diverse learners.					
Learning Outcomes					
On the completion of the course, the students will:					
<ol style="list-style-type: none"> 1. Understand the foundational concepts and theories of curriculum development. 2. Analyze the various components of curriculum design and their interrelationships. 3. Develop curriculum plans that incorporate appropriate goals, content, learning experiences, and assessments. 4. Critically evaluate existing curricula and propose improvements. 5. Understand the roles of various stakeholders in the curriculum development process. 					
Course Content				Assignments/Readings	
Week 1	Introduction to Curriculum Development			Write a reflection on the evolution of curriculum in education.	
	<ul style="list-style-type: none"> • Unit 1.1: Definitions and Concepts • Unit 1.2: Historical Perspectives on Curriculum 				
Week 2	Theoretical Foundations of Curriculum			Compare and contrast different curriculum theories.	
	<ul style="list-style-type: none"> • Unit 2.1: Major Curriculum Theories • Unit 2.2: Philosophical Perspectives on Education 				
Week 3	Curriculum Design Models			Analyze a curriculum model and its application in education	
	<ul style="list-style-type: none"> • Unit 3.1: Traditional vs. Contemporary Models 				

	<ul style="list-style-type: none"> • Unit 3.2: The Tyler Model and Beyond 	
Week 4	<p style="text-align: center;">Components of Curriculum Design</p> <ul style="list-style-type: none"> • Unit 4.1: Goals, Objectives, and Standards 	Develop a set of learning objectives for a specific subject.
	<ul style="list-style-type: none"> • Unit 4.2: Content Selection and Organization 	
Week 5	<p style="text-align: center;">Curriculum Implementation</p> <ul style="list-style-type: none"> • Unit 5.1: Strategies for Effective Implementation 	Create a plan for implementing a new curriculum unit.
	<ul style="list-style-type: none"> • Unit 5.2: Teacher's Role in Curriculum Implementation 	
Week 6	<p style="text-align: center;">Curriculum Evaluation</p> <ul style="list-style-type: none"> • Unit 6.1: Purpose and Types of Evaluation 	Design an evaluation plan for a curriculum.
	<ul style="list-style-type: none"> • Unit 6.2: Formative and Summative Evaluation 	
Week 7	<p style="text-align: center;">Curriculum Alignment and Integration</p> <ul style="list-style-type: none"> • Unit 7.1: Aligning Curriculum with Standards 	Develop a cross-disciplinary curriculum plan
	<ul style="list-style-type: none"> • Unit 7.2: Integrating Cross-Disciplinary Content 	
Week 8	<p style="text-align: center;">Curriculum Adaptation and Differentiation</p> <ul style="list-style-type: none"> • Unit 8.1: Adapting Curriculum for Diverse Learners 	Propose adaptations for a curriculum to meet the needs of diverse learners.
	<ul style="list-style-type: none"> • Unit 8.2: Differentiated Instruction Strategies 	
Week 9	<p style="text-align: center;">Curriculum Leadership and Change</p> <ul style="list-style-type: none"> • Unit 9.1: The Role of Curriculum Leaders 	Discuss a case study on curriculum change.
	<ul style="list-style-type: none"> • Unit 9.2: Managing and Leading Curriculum Change 	

Week 10	<p align="center">Stakeholder Involvement in Curriculum Development</p> <ul style="list-style-type: none"> • Unit 10.1: Engaging Teachers, Students, and Parents 	Plan a stakeholder engagement activity for curriculum development.
	<ul style="list-style-type: none"> • Unit 10.2: Community and Industry Partnerships 	
Week 11	<p align="center">Global Perspectives on Curriculum</p> <ul style="list-style-type: none"> • Unit 11.1: Comparative Curriculum Studies 	Research and present on a country's curriculum framework.
	<ul style="list-style-type: none"> • Unit 11.2: International Curriculum Frameworks 	
Week 12	<p align="center">Technology in Curriculum Development</p> <ul style="list-style-type: none"> • Unit 12.1: Digital Tools and Resources for Curriculum Design 	Develop a technology-enhanced curriculum unit.
	<ul style="list-style-type: none"> • Unit 12.2: Integrating Technology into the Curriculum 	
Week 13	<p align="center">Ethical Considerations in Curriculum Development</p> <ul style="list-style-type: none"> • Unit 13.1: Ethical Issues in Content Selection 	Analyze a curriculum for equity and inclusivity.
	<ul style="list-style-type: none"> • Unit 13.2: Equity and Inclusion in Curriculum 	
Week 14	<p align="center">Current Trends and Innovations in Curriculum</p> <ul style="list-style-type: none"> • Unit 14.1: Emerging Trends in Curriculum Development 	Explore and present an innovative curriculum approach.
	<ul style="list-style-type: none"> • Unit 14.2: Innovative Approaches to Curriculum Design 	
Week 15	<p align="center">Curriculum Planning for Special Programs</p> <ul style="list-style-type: none"> • Unit 15.1: Curriculum for Special 	Design a curriculum plan

	Education	for a special program.
	<ul style="list-style-type: none"> • Unit 15.2: Curriculum for Gifted and Talented Programs 	
Week 16	Final Project and Course Review <ul style="list-style-type: none"> • Unit 16.1: Final Project: Comprehensive Curriculum Design 	Complete and present a comprehensive curriculum design project.
	<ul style="list-style-type: none"> • Unit 16.2: Course Review and Reflections 	

Textbooks and Reading Material

1. Textbooks.

- Curriculum Development: A Guide to Practice by Jon W. Wiles and Joseph C. Bondi
- Understanding by Design by Grant Wiggins and Jay McTighe
- The Curriculum Studies Reader by David J. Flinders and Stephen J. Thornton

2. Suggested Readings

- Selected articles from curriculum development journals
- "Designing Effective Instruction" by Gary R. Morrison, Steven M. Ross, and Jerrold E. Kemp
- The Understanding by Design Guide to Creating High-Quality Units by Grant Wiggins and Jay McTighe

Teaching Learning Strategies

1. **Lectures:** To introduce and explain key concepts and theories.
2. **Hands-on Labs:** To provide practical experience with robotics components and programming.
3. **Assignments and Projects:** To reinforce learning and encourage application of concepts in real-world scenarios.
4. **Group Discussions:** To facilitate peer learning and collaborative problem-solving.

Assessment

Sr. No.	Elements	Weight age	Details
1.	Midterm Assessment	35%	Written Assessment at the mid-point of the semester.
2.	Formative Assessment	25%	Continuous assessment includes: Classroom participation, assignments, presentations, viva voce, attitude and behavior, hands-on-activities, short tests, projects, practical, reflections, readings, quizzes etc.

3.	Final Assessment	40%	Written Examination at the end of the semester. It is mostly in the form of a test, but owing to the nature of the course the teacher may assess their students based on term paper, research proposal development, field work and report writing etc.
----	------------------	-----	--