

Table of Contents

Preface	vii
Acknowledgments	viii
Abstract	ix

PART I: FOUNDATION: AI & LANGUAGE EDUCATION

Chapter 1. Introduction: Why AI Matters for Language: Education Now	14
Chapter 2. Understanding Artificial Intelligence: Concepts, Technologies, and System Archetypes	34
Chapter 3. Theoretical Frameworks for AI-Mediated Language Education	52

PART II: AI IN LANGUAGE TEACHING

Chapter 4. AI as a Teaching Assistant: Planning, Materials, and Tasks	78
Chapter 5. AI-Supported Teaching of Language Skills	100
Chapter 6. Teacher Roles, Beliefs, and AI Pedagogical Literacy	133

PART III: AI IN LANGUAGE LEARNING

Chapter 7. AI-Mediated Learning Environments: Intelligent Tutors, Conversational Agents, and Adaptive Systems	168
Chapter 8. Learner Autonomy, Self-Regulation, and Agency in AI-Mediated Language Education	195
Chapter 9. Multimodality, Interaction, and Identity	225

PART IV: AI IN LANGUAGE ASSESSMENT

Chapter 10. Automated Assessment and Feedback252

Chapter 11. Validity, Fairness, and Academic Integrity in
AI-Mediated Language Assessment.....300

PART V: ETHICS, EQUITY, POLICY, & FUTURE DIRECTIONS

Chapter 12. Ethics, Equity, and Policy in AI-Mediated
Language Education338

Chapter 13. Conclusion: Towards Responsible and
Pedagogically Grounded AI Use404

Chapter 14. From Generative to Agentic: AI Agents and the
Next Generation of Language Learning Platforms ..436

References451