CONTENTS

Preface

1

iii

Language Structure and Language Use 1
LANGUAGE AND LINGUISTICS 1
What Is Human Language?
Signs and Symbols 3
Languages as Rule-Governed Structures 6
Speech as Rule-Governed Language Use 7
What Is Linguistics? 8 SELECTION STATE SHAPE COMPANY AND ADMINISTRATION OF THE PROPERTY OF THE
ANIMAL COMMUNICATION 9
Communication Among Animals in Their Natural Environment 10
Teaching Human Language to Chimpanzees 11
Principles of Language Acquisition 14 Adult Input in Language Acquisition 16 Stages of Language Acquisition 18
THE RELATIONSHIP BETWEEN LANGUAGE AND THOUGHT 20
MODES OF LINGUISTIC COMMUNICATION 23
Speaking 23
Writing 24
Signing 25
Speaking, Writing, Signing: Modes of Linguistic Communication 25
Summary 26
Exercises 27
Suggestions for Further Reading 28
References 29

Part I LANGUAGE STRUCTURE

2	Phonetics: The Sounds of Language 32
	SOUNDS AND SPELLINGS 32 Same Spelling, Different Pronunciations 33 Same Pronunciation, Different Spellings 33
	PHONETICS 37 Phonetic Alphabets 37 The Vocal Tract 38 Describing Sounds 40
	SOUNDS 42 Consonants 42 Vowels 47 Summary 50 Exercises 55 Suggestions for Further Reading 57
	References 58
	Phonology: The Sound Systems of Language 59
	INTRODUCTION 59 Phonemes and Allophones 62 Distribution of Allophones 64
	PHONOLOGICAL RULES AND THEIR STRUCTURE 69 Generalizing Phonological Rules 71 Natural Classes of Sounds 72 Underlying Forms 73 Rule Ordering 73
	SYLLABLE STRUCTURE 76 Summary 79 Exercises 80 Suggestions for Further Reading 83 References 83
	Morphology: Structured Meaning in Words 85
	WORDS AND THEIR PARTS 85 Words 86 What It Means to Know a Word 87 Word-Class Catagories (Party 68)
	MORPHEMES: THE MEANING-BEARING CONSTITUENTS OF WORDS Free and Bound Morphemes 92 Derivational Morphemes 92 Inflectional Morphemes 94

LINEAR AND HIERARCHICAL ORGANIZATION OF MORPHEMES IN WORDS Linear Ordering of Morphemes 96 Hierarchical Ordering of Morphemes 98
THE ROLE OF MORPHOLOGY IN LANGUAGE 99 Grammatical Functions of Inflectional Morphology 99 Derivational Morphology and Extension of the Vocabulary 105
ENGLISH MORPHOPHONOLOGY 112 English Plural, Possessive, and Third Person Singular Morphemes 112 English Past Tense Morpheme 114 Underlying Phonological Form of Morphemes in the Lexicon 115 Summary 117 Exercises 118 Suggestions for Further Reading 123 References 124
Syntax: Sentences and Their Structure 125
INTRODUCTION 125
SENTENCE TYPES 126 Simple Sentences 127 Coordinate Sentences 127 Complex Sentences 128
TREE DIAGRAMS AND CONSTITUENCY 130 Tree Diagrams 130 Constituency 132
MAJOR CONSTITUENTS OF SENTENCES: NOUN PHRASES AND VERB PHRASES 137
PHRASE-STRUCTURE RULES 141 Rules for Rewriting Noun Phrases 141 Rules for Rewriting Sentences and Verb Phrases 142 Phrase-Structure Rules and Tree Diagrams 143 Refining the Phrase-Structure Rules 144
GRAMMATICAL RELATIONS: SUBJECT, DIRECT OBJECT, AND OTHERS 145
SURFACE STRUCTURES AND UNDERLYING STRUCTURES 148
TRANSFORMATIONS 151 Reflexive Transformation 151 Imperative Transformation 155 Subject-Auxiliary Inversion and WH-Fronting Transformations 156 Relative Clause Transformation 159
TYPES OF TRANSFORMATIONS 162

	Summary 164 Exercises 165 Suggestions for Further Reading 169 References 170
6	Semantics: Word Meaning and Sentence Meaning 171
	THE STUDY OF MEANING 171 Introduction 171 What Is Meaning? 172
	REFERENTIAL, SOCIAL, AND AFFECTIVE MEANING 173 Referential Meaning 174 Social Meaning 174 Affective Meaning 175
	WORD MEANING, SENTENCE MEANING, AND UTTERANCE MEANING Meaning of Words and Sentences 176 Meaning of Utterances 178
	Lexical Fields 179 Hyponymy 180 Part/Whole Relationships 183 Synonymy 184 Converseness 186 Polysemy and Homonymy 187 Metaphorical Extension 188 Lexical Semantics: Discovering Relationships in the Lexicon 191
	FUNCTION WORDS AND CATEGORIES OF MEANING 192 Tense and Modality 192 Reference 193 Deixis 193
	SEMANTIC ROLES AND SENTENCE SEMANTICS 199 Semantic Roles and Grammatical Relations 203 Summary 205 Exercises 206 Suggestions for Further Reading 211 References 212
7	Pragmatics: Information Structure 213
	THE ENCODING OF INFORMATION STRUCTURE 213
	CATEGORIES OF INFORMATION STRUCTURE 215 Given and New Information 216 Topic 217

CONSTRAINTS ON TRANSFORMATIONS 162

Contrast 218 Definiteness 219 Referentiality 222 Categories of Information Structure 223
PRAGMATIC CATEGORIES AND SYNTAX 224 Fronting 224 Left-Dislocation 226 Clefting and Pseudoclefting 227 Sentence Stress 230 Information-Structure Morphemes 231 Passives 231 Word Order 233 Restrictive and Nonrestrictive Relative Clauses 235
PRAGMATICS: THE RELATIONSHIP OF SENTENCES TO DISCOURSE Summary 238 Exercises 239 Suggestions for Further Reading 243 References 243
Language Universals and Language Typology 245 SIMILARITY AND DIVERSITY ACROSS THE LANGUAGES OF THE WORLD 245
The Value of Uncovering Universals 246 Language Types 247
EXAMPLES OF LANGUAGE UNIVERSALS AND LANGUAGE TYPES 248 Semantic Universals 249 Phonological Universals 256 Syntactic and Morphological Universals 260
TYPES OF LANGUAGE UNIVERSALS 266 Absolute Universals and Universal Tendencies 266 Implicational and Nonimplicational Universals 267
Original Language Hypothesis 267 Universals and Perception 268 Acquisition and Processing Explanations 268 Social Explanations 269 Summary 270 Exercises 271 Suggestions for Further Reading 276 References 276
The Historical Development of Languages 277
LANGUAGES: ALWAYS CHANGING 277

LANGUAGE FAMILIES

8

Metaphors

Polynesian and Pacific Background 281 Polynesian Languages and Their History 284 Reconstructing the Proto-Polynesian Vocabulary 289 Historical Linguistics and Prehistory 292	
THE LANGUAGE FAMILIES OF THE WORLD 294 Counting Speakers and Languages 294 The Indo-European Family 296 The Sino-Tibetan Family 302 The Austronesian Family 302 The Afroasiatic Family 305 The Three Major Language Families of Sub-Saharan Africa Other Language Families of Asia and Europe 307 Native American Languages 309 Languages of Aboriginal Australia 311 Papuan Languages 312	
Multilingualism 312 Artificial Languages 317 Summary 318 Exercises 319 Suggestions for Further Reading 322 References 323 Part II LANGUAGE USE	
Speech Acts and Conversation 326	
LANGUAGE IN USE 326	
SENTENCE STRUCTURE AND THE FUNCTION OF UTTERANCES	327
Types of Speech Acts 328 Locutions and Illocutions 329 Distinguishing Among Speech Acts 329	
HE COOPERATIVE PRINCIPLE 332 Maxim of Quantity 332 Maxim of Relevance 333 Maxim of Manner 333 Maxim of Quality 334	
IOLATIONS OF THE COOPERATIVE PRINCIPLE 334 Indirect Speech Acts 334 Politeness 336	

SPEECH EVENTS 336
THE ORGANIZATION OF CONVERSATION 337 Turn Taking and Pausing 338 Adjacency Pairs 341 Opening Sequences 344 Closing Sequences 346 Repairs 347
POLITENESS: AN ORGANIZATIONAL FORCE IN CONVERSATION 349 Positive and Negative Politeness 349
CROSS-CULTURAL COMMUNICATION 350 Summary 351 Exercises 352 Suggestions for Further Reading 355 References 356
Writing 358
INTRODUCTION 358
THE HISTORICAL EVOLUTION OF WRITING 359 The Leap from Pictures to Writing 359
WRITING SYSTEMS 362 Syllabic Writing 362 Logographic Writing 368 Alphabetic Writing and Orthography 372 Developing Writing Systems in Newly Literate Societies 374
SPOKEN AND WRITTEN LANGUAGE: SIMILARITIES AND DIFFERENCES Summary 378 Exercises 378 Suggestions for Further Reading 380 References 381
References 489 Marketines 444 engineering
Dialects: Linguistic Variation Among Social Groups 382
LANGUAGES AND DIALECTS 382 Social Boundaries and Dialects 383 Dialects and Registers 383
DIFFERENTIATION AND MERGER OF LANGUAGE VARIETIES 384 Dialects or Languages? 385 Language Merger in an Indian Village 385 Language/Dialect Continua 387
REGIONAL VARIETIES OF ENGLISH 388 British and American Varieties 388 Regional Varieties of American English 390

The Dictionary of American Regional English 399
SOCIAL VARIETIES 401 Ethnic Varieties 403 Socioeconomic Status Varieties 408 Gender Varieties 413 Age Varieties 416 Summary 416 Exercises 417 Suggestions for Further Reading 419 References 420
Registers: Language Variation in Situations of Use 422
INTRODUCTION: THE CLOCKS OF BALLYHOUGH 422
LANGUAGE VARIATION AND MULTILINGUALISM 423 Language Choice in a Multilingual Society 423
SPEECH SITUATIONS 426 Elements of the Speech Situation 426
REGISTERS IN A MONOLINGUAL SOCIETY 428 Markers of Register 430 Lexicon 430 Phonology 432 Syntax 435 Semantics 437
TWO EXAMPLES OF REGISTER DIFFERENCES Vocabulary 439 Phonology 440 Morphology and Lexicon 440 Syntax 442 Comparing Registers 444
THE DIMENSIONS OF REGISTER VARIATION 444 Sets of Co-occurring Features 445 Involved Versus Informational Texts 446 Narrative Texts 448 Summary 450 Exercises 451
Suggestions for Further Reading 454 References 454

Historical Background 458 English as a Germanic Language	459	and promotions
PERIODS IN THE HISTORY OF ENGL	ISH 462	
OLD ENGLISH: 700–1100 462 Orthography 463 Phonology 464 Morphology 465 Inflections and Word Order 471		lud Amer WARD LA md Disc to of July 15 conft-1
AN OLD ENGLISH NARRATIVE TEXT Lexicon of the Text 472 Grammar: Syntax and Morphology in Text Structure 474		174
MIDDLE ENGLISH: 1100–1500 474 The Norman Invasion 474 Lexicon 475 Phonology 476 Morphology 476 Syntax 478		
A MIDDLE ENGLISH TRAVEL FABLE Lexicon 479 Morphology 479 Syntax 481	479	
Phonology: The English Vowel Shift Morphology 482 Syntax 484 Lexicon 485 Summary 486 Exercises 486 Suggestions for Further Reading	481 482 482 483	
References 489 Language Standards and Language	e Attitudes	491
INTRODUCTION 491 Views of the Origin of Language Views of Language Diversity: From	491 Babel to Babbl	e 492

THE STATUS OF LANGUAGE VARIETIES

Official and National Languages

Languages of Limited Function

Regional and Minority Languages

Languages as International Vehicles of Communication

Social Equality and Inequality in First Language Acquisition

493

494

495

495

493

496

15

458

THE BACKGROUND OF ENGLISH

STANDARD VARIETIES AND THE PROCESS OF STANDARDIZATION 496
What Is a Standard Variety? 496
Who Sets Standards? 497
Description and Prescription: A Case History 499
What the Regulatory Agencies Prescribe and Proscribe 503
Does a Standard American English Exist? 505
ATTITUDES TOWARD LANGUAGE VARIETIES 506
Using Guises and Disguises to Uncover Language Attitudes 507
The Persistence of Stigmatized Dialects 510
Attitudes and Second-Language Learning 511
IDEAL LANGUAGES 512
Clear Communication Versus Efficient Communication 512
Gender Studies and Ideal Varieties 514
Summary 517
Exercises 518
Suggestions for Further Reading 520
References 521
CCC 4005LS 1

Glossary 523

Index 535

Language Index 545