

**Cypress College General Education List by Area
1977-1978 PATTERN**

General Education REQUIRED: 18 UNITS IN THE FOUR CATEGORIES BELOW

PHYSICAL EDUCATION ACTIVITIES CLASSES - 1 Semester Required

This requirement does not apply to students over 21 years of age, to individuals who have completed basic military training and one year military service, or to those individuals who are certified by competent medical to be physically handicapped.

| Course | Title | Units |
|---|---|--------------|
| A. NATURAL SCIENCES - AA Degree - 6 Units Required; AS Degree - 3 Units Required | | |
| Anthropology 101 | Physical Anthropology | 4 |
| Geography 200 | Physical Geography | 4 |
| Geology | | |
| Geology 100 | Physical Geology | 4 |
| Geology 140 | Historical Geology | 4 |
| Geology 150 | Geology Technology | 4 |
| Geology 151 | Geology Technology | 4 |
| Geology 160 | Introduction to Physical Oceanography | 3 |
| Geology 161 | Introduction to Physical Oceanography (Lab) | 1 |
| Geology 180 | Summer Field Geology | 5 |
| Geology 190 | Environmental Geology | 3 |
| Geology 220 | Mineralogy | 4 |
| Geology 230 | Geology of California | 4 |
| Geology 250 | Geology Technology | 4 |
| Biology | | |
| Biology 101 | General Biology | 4 |
| Biology 101L | General Biology Lab | 1 |
| Biology 103 | Human Ecology | 3 |
| Biology 122 | Marine Biology | 4 |
| Biology 124 | General Botany | 5 |
| Biology 126 | Natural History | 4 |
| Biology 160 | Integrated Medical Science | 3 |
| Biology 161 | Integrated Medical Science Laboratory | 1 |
| Biology 170 | Principles of Biology | 2 |
| Biology 210 | Anatomy and Physiology | 5 |
| Biology 220 | Medical Microbiology | 4 |
| Biology 230 | General Anatomy | 4 |
| Biology 236 | Human Prosection | 3 |
| Biology 240 | Human Physiology | 5 |
| Biology 260 | The Biology of Microorganisms | 4 |
| Biology 270AB | Principles of Biology | 5,5 |
| Chemistry | | |
| Chemistry 110 | Introduction to Chemistry | 5 |
| Chemistry 120 | Foundations of College Chemistry | 4 |
| Chemistry 121 | Foundations of College Chemistry | 4 |
| Chemistry 130 | General Chemistry | 5 |
| Chemistry 131 | General Chemistry | 5 |
| Chemistry 132 | General Chemistry (for Engineers) | 3 |
| Chemistry 140 | Elementary Organic Chemistry (Lec) | 3 |
| Chemistry 150 | Methods of Organic Chemistry (Lab) | 3 |
| Chemistry 201 | Analytical Chemistry | 4 |
| Chemistry 211 | Organic Chemistry | 5 |
| Chemistry 212 | Organic Chemistry | 5 |

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| Engineering Technology 220 | The Energy Crisis-Alternate Sources | 3 |
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Physical Science

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| Physical Science 100 | Introduction to the Physical Sciences | 5 |
| Physical Science 105 | History of Physical Science | 3 |
| Physical Science 110 | Science & Engineering Problems Analysis | 2 |
| Physical Science 115 | Introduction to Astronomy | 3 |
| Physical Science 125 | Introduction to the Metric System | 2 |

Physics

| | | |
|-------------|-----------------------|---|
| Physics 51 | Principles of Physics | 4 |
| Physics 130 | Principles of Physics | 4 |
| Physics 140 | Applied Physics | 4 |
| Physics 141 | Applied Physics | 4 |
| Physics 181 | Radiological Physics | 4 |
| Physics 201 | College Physics | 4 |
| Physics 202 | College Physics | 4 |
| Physics 221 | General Physics | 4 |
| Physics 222 | General Physics | 4 |
| Physics 223 | General Physics | 4 |

Advanced Mathematics

| | | |
|-----------|--|---|
| Math 110 | Intermediate Algebra | 4 |
| Math 115 | Finite Mathematics | 3 |
| Math 120 | Statistics | 3 |
| Math 125A | Applied Mathematics | 4 |
| Math 125B | Applied Mathematics | 4 |
| Math 130A | Survey of Calculus | 4 |
| Math 130B | Survey of Calculus | 3 |
| Math 140A | Elementary Functions with Trigonometry | 4 |
| Math 140B | Elementary Functions with Analytic Geometry | 4 |
| Math 150A | Calculus and Analytic Geometry | 4 |
| Math 150B | Calculus and Analytic Geometry | 4 |
| Math 180 | Introduction to Basic Programming | 1 |
| Math 185 | Computer Science | 4 |
| Math 205 | Fortran Programming for Mathematics & Science Majors | 3 |
| Math 250A | Intermediate Calculus | 4 |
| Math 250B | Intermediate Calculus | 4 |

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| Health 101 | Personal Health | 2 |
| First Aid 102 | Safety Education and First Aid | 2 |
| Electricity 51 | Basic Electricity | 2 |

B. HUMANITIES - AA Degree - 3 Units Required; AS Degree - 6 Units Required

Art

| | | |
|-----------|---|-------|
| Art 67ABC | Welding-Crafts | 1,1,1 |
| Art 100 | Fundamentals of Art | 3 |
| Art 110 | Introduction to Art | 3 |
| Art 111AB | Survey of Art History | 3,3 |
| Art 120AB | Design and Color | 2,2 |
| Art 121AB | Exhibition Design | 2,2 |
| Art 126 | History of Antiques and Collectables | 1 |
| Art 130 | Printmaking | 2 |
| Art 131AB | Silkscreen | 2,2 |
| Art 140 | Basic Advertising Design | 2 |
| Art 141 | Advertising Design | 2 |
| Art 143AB | Basics of Animation Art and Photography | 3,3 |
| Art 150A | Beginning Ceramics--Handbuilding | 3 |

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| Art 150B | Beginning Ceramics--Throwing | 3 |
| Art 160A | Beginning Sculpture | 2 |
| Art 160B | Advanced Sculpture | 2 |
| Art 170AB | General Crafts | 2,2 |
| Art 172AB | Crafts: Leather Design | 2,2 |
| Art 174AB | Crafts: Jewelry | 2,2 |
| Art 175 | Crafts: Lapidary | 2 |
| Art 176 | Stained and Leaded Glass | 2 |
| Art 177AB | Crafts: Fibers | 2,2 |
| Art 178 | Crafts: Fabric Surface Design | 2 |
| Art 180 | Perspective Drawing | 2 |
| Art 181 | Drawing for Non-Art Majors | 2 |
| Art 182AB | Freehand Drawing | 2,2 |
| Art 184AB | Life Drawing | 2,2 |
| Art 186AB | Fundamentals of Painting | 2,2 |
| Art 192AB | Exploring Art | 2,2 |
| Art 194AB | Creative Filmmaking | 2,2 |
| Art 212 | Oriental Art | 3 |
| Art 213A | Primitive Art: Oceanic, African, American Indian | 3 |
| Art 213B | Pre-Columbian Art | 3 |
| Art 214 | Contemporary Art History | 3 |
| Art 220 | Design and Color | 2 |
| Art 230AB | Printmaking | 2,2 |
| Art 231AB | Silkscreen | 2,2 |
| Art 241 | Advertising Design | 2 |
| Art 242 | Advertising Production | 2 |
| Art 243 | Basics of Animation Art and Photography | 3 |
| Art 244 | Illustration and Rendering | 2 |
| Art 250A | Advanced Ceramics | 3 |
| Art 250B | Advanced Ceramics | 3 |
| Art 260 | Ceramic Sculpture | 2 |
| Art 277 | Crafts: Fibers | 2 |
| Art 282 | Freehand Drawing | 2 |
| Art 284AB | Life Drawing and Painting | 2,2 |
| Art 286 | Advanced Painting | 2 |
| Art 294AB | Creative Filmmaking | 2,2 |

Dance

| | | |
|-------------|---|---------|
| Dance 100 | Introduction to Dance Appreciation | 3 |
| Dance 110 | Fundamental Rhythms | 2 |
| Dance 112 | Beginning Ballet | 1 |
| Dance 122 | Beginning Modern Dance Technique | 1 |
| Dance 123 | Modern Dance II | 1 |
| Dance 132 | Jazz Dance I | 1 |
| Dance 142 | Drill Team | 2 |
| Dance 152 | Beginning Tap Dance I | 1 |
| Dance 162 | Mexican Ballet Folklorico | 1 |
| Dance 190AB | Dance Rehearsal and Performance | 1-4,1-4 |
| Dance 212 | Ballet II | 1 |
| Dance 222 | Modern Dance Workshop | 1 |
| Dance 223 | Modern Dance Workshop | 1 |
| Dance 232 | Jazz Dance II | 1 |
| Dance 252 | Tap Dance II | 1 |
| Dance 262 | Advanced Dance Technique & Choreography | 2 |
| Dance 263 | Adv. Dance Technique & Production | 2 |
| Dance 272 | Dance Ensemble | 2 |
| Dance 290AB | Dance Rehearsal and Performance | 1-4,1-4 |

Foreign Languages

| | | |
|-----------------|--|---------|
| French 53AB | Basic Spoken French | 3,3 |
| French 101 | Elementary French | 5 |
| French 102 | Elementary French | 5 |
| French 200ABCD | Conversational French | 2,2,2,2 |
| French 203 | Intermediate French | 4 |
| French 204 | Intermediate French | 4 |
| German 53AB | Basic Spoken German | 3,3 |
| German 101 | Elementary German | 5 |
| German 102 | Elementary German | 5 |
| German 200ABCD | Conversational German | 2,2,2,2 |
| German 203 | Intermediate German | 4 |
| German 204 | Intermediate German | 4 |
| Russian 101 | Elementary Russian | 5 |
| Russian 102 | Elementary Russian | 5 |
| Russian 203 | Intermediate Russian | 4 |
| Russian 204 | Intermediate Russian | 4 |
| Spanish 50 | Public Service Spanish | 3 |
| Spanish 53AB | Basic Spoken Spanish | 3,3 |
| Spanish 101 | Elementary Spanish | 5 |
| Spanish 102 | Elementary Spanish | 5 |
| Spanish 115AB | Spanish for Spanish-Speaking | 3,3 |
| Spanish 116 | Bilingual Communication Skills - Spanish | 3 |
| Spanish 117 | Bilingual Communication Skills - English | 3 |
| Spanish 200ABCD | Conversational Spanish | 2,2,2,2 |
| Spanish 203 | Intermediate Spanish | 4 |
| Spanish 204 | Intermediate Spanish | 4 |
| Spanish 205 | Advanced Spanish | 3 |
| Spanish 206 | Advanced Spanish | 3 |

Journalism

| | | |
|-----------------------|--------------------------------------|---|
| Comm. -Journalism 101 | Reporting and Writing | 3 |
| Comm. -Journalism 102 | Reporting and Writing | 3 |
| Comm. -Journalism 110 | Introduction to Communications Media | 3 |
| Comm. -Journalism 118 | Introduction to Broadcasting | 3 |
| Comm. -Journalism 129 | Broadcast News | 3 |
| Comm. -Journalism 135 | Magazine Production | 2 |
| Comm. -Journalism 217 | Introduction to Photography | 3 |
| Comm. -Journalism 219 | Press Photography | 2 |
| Comm. -Journalism 225 | Reporting and Editing | 3 |
| Comm. -Journalism 270 | Public Relations | 3 |

Literature

| | | |
|-----------------|--|-----------------|
| English 102 | Introduction to Literature | 3 |
| English 115 | Ethnic Problems and Literature | 3 |
| English 120ABCD | English Contemporary Messages | 1.5,1.5,1.5,1.5 |
| English 125 | The Film | 3 |
| English 139 | Children's Literature | 3 |
| English 200 | Analysis of Literary Forms | 3 |
| English 211 | English Literature Part One: From "Beowulf" to Swift | 3 |
| English 212 | English Literature Part Two: From Blake to Beckett | 3 |
| English 221 | American Literature (To The Civil War) | 3 |
| English 222 | American Literature (Since The Civil War) | 3 |
| English 234 | Shakespeare | 3 |
| English 236 | Twentieth Century Literature | 3 |
| English 243 | Folklore and Mythology | 3 |
| English 245 | The Bible as Literature | 3 |

Music

| | | |
|-----------|--------------------|---|
| Music 100 | Enjoyment of Music | 3 |
|-----------|--------------------|---|

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|-------------|----------------------------------|---------|
| Music 101 | Fundamentals of Music | 3 |
| Music 102AB | Harmony | 3,3 |
| Music 103AB | Musicianship | 1,1 |
| Music 104 | Music for Elementary Teachers | 3 |
| Music 105AB | Concert Hour | 1,1 |
| Music 108 | American Popular Music | 3 |
| Music 119AB | String Class | 1,1 |
| Music 120AB | Voice Class | 1,1 |
| Music 121AB | Advanced Voice | 2,2 |
| Music 122AB | Vocal Audition | 2,2 |
| Music 125AB | Piano Class for Non-Music Majors | 1,1 |
| Music 126AB | Advanced Piano | 2,2 |
| Music 127AB | Piano for Music Majors | 2,2 |
| Music 128AB | Organ Class | 1,1 |
| Music 130 | Woodwind Class | 1 |
| Music 131AB | Applied Woodwinds | 2,2 |
| Music 132AB | Musical Theater Workshop | 1-3,1-3 |
| Music 133AB | Beginning Guitar | 1,1 |
| Music 136AB | Advanced (Applied) Brass | 2,2 |
| Music 150AB | College Chorus | 1,1 |
| Music 151AB | Concert Choir | 2,2 |
| Music 152AB | Chambre Singers | 1,1 |
| Music 153AB | Vocal Chamber Music | 1,1 |
| Music 154AB | Cypress Chorale | 1,1 |
| Music 155AB | Commercial Choral Activities | 2,2 |
| Music 160AB | Varsity Band | 2,2 |
| Music 161AB | Concert Wind Ensemble | 2,2 |
| Music 162AB | Studio Jazz-Rock Ensemble | 1,1 |
| Music 163AB | Instrumental Chamber Music | 2,2 |
| Music 164AB | Community Band | 1,1 |
| Music 170AB | Applied Music | 1-2,1-2 |
| Music 202AB | Harmony | 3,3 |
| Music 203AB | Musicianship | 1,1 |
| Music 205AB | Concert Hour | 1,1 |
| Music 207AB | Music History and Literature | 3,3 |
| Music 220AB | Voice Class | 1,1 |
| Music 221AB | Advanced Voice | 2,2 |
| Music 225AB | Piano Class for Non-Music Majors | 1,1 |
| Music 226AB | Advanced Piano | 2,2 |
| Music 227AB | Piano for Music Majors | 2,2 |
| Music 228AB | Organ Class | 1,1 |
| Music 229AB | Lyric Theater Techniques | 3,3 |
| Music 231AB | Applied Woodwinds | 2,2 |
| Music 233AB | Intermediate Guitar | 1,1 |
| Music 236AB | Advanced (Applied) Brass | 2,2 |
| Music 250AB | College Chorus | 1,1 |
| Music 251AB | Concert Choir | 2,2 |
| Music 252AB | Chambre Singers | 1,1 |
| Music 253AB | Vocal Chamber Music | 2,2 |
| Music 254AB | Cypress Chorale | 1,1 |
| Music 255AB | Commercial Chorale Activities | 2,2 |
| Music 260AB | Varsity Band | 2,2 |
| Music 261AB | Concert Wind Ensemble | 1,1 |
| Music 262AB | Studio Jazz-Rock Ensemble | 1,1 |
| Music 263AB | Instrumental Chamber Music | 2,2 |
| Music 264AB | Community Band | 1,1 |
| Music 270AB | Applied Music | 1-2,1-2 |

Philosophy

| | | |
|----------------|---------------------------------------|---|
| Philosophy 100 | Survey of Philosophy | 3 |
| Philosophy 110 | Religions of the East | 3 |
| Philosophy 120 | Religions of the Middle East and West | 3 |
| Philosophy 160 | Introduction to Ethics | 3 |
| Philosophy 170 | Logic and the Scientific Method | 3 |
| Philosophy 200 | History of Modern Philosophy | 3 |
| Philosophy 230 | Philosophy of Religion | 3 |

Speech

| | | |
|--------------|------------------------------|-----|
| Speech 104 | Oral Interpretation | 3 |
| Speech 118 | Introduction to Broadcasting | 3 |
| Speech 124 | Elements of Group Discussion | 3 |
| Speech 130 | Political Communication | 3 |
| Speech 138AB | Forensics | 1,1 |
| Speech 238AB | Forensics | 1,1 |

Theater Arts

| | | |
|--------------------|--------------------------------------|---------|
| Theater Arts 101 | Introduction to the Theater | 3 |
| Theater Arts 102 | History of World Theater | 3 |
| Theater Arts 120A | Principles of Acting | 3 |
| Theater Arts 120B | Principles of Acting | 2 |
| Theater Arts 121AB | Techniques in Movement for the Stage | 2,2 |
| Theater Arts 122AB | Vocal Audition | 2,2 |
| Theater Arts 124 | Oral Interpretation | 3 |
| Theater Arts 128 | Voice and Diction | 2 |
| Theater Arts 132AB | Musical Theater Workshop | 1-3,1-3 |
| Theater Arts 133AB | Rehearsal and Performance | 1-3,1-3 |
| Theater Arts 135AB | Experimental Theater | 2,2 |
| Theater Arts 137 | Summer Theater Workshop | 2 |
| Theater Arts 140 | Beginning Theatrical Scenery | 2 |
| Theater Arts 141 | Beginning Theatrical Lighting | 2 |
| Theater Arts 142 | Theatrical Costuming | 2 |
| Theater Arts 144 | Theatrical Makeup | 1 |
| Theater Arts 146 | Scene Painting | 1 |
| Theater Arts 149AB | Stage Crew Activity | 1-3,1-3 |
| Theater Arts 151 | Children's Theater | 3 |
| Theater Arts 152A | Puppetry | 2 |
| Theater Arts 152B | Puppetry | 2 |
| Theater Arts 220A | Advanced Acting | 2 |
| Theater Arts 220B | Advanced Acting | 2 |
| Theater Arts 225 | Stage Directing | 3 |
| Theater Arts 229AB | Lyric Theater Techniques | 3,3 |
| Theater Arts 232AB | Musical Theater Workshop | 1-3,1-3 |
| Theater Arts 233AB | Rehearsal and Performance | 1-3,1-3 |
| Theater Arts 235AB | Experimental Theater | 2,2 |
| Theater Arts 245 | Design for the Theater | 3 |
| Theater Arts 249AB | Stage Crew Activity | 1-3,1-3 |
| Theater Arts 253 | Children's Creative Dramatics | 3 |
| Theater Arts 265 | Theater Management & Business | 2 |

C. SOCIAL SCIENCES - AA Degree - 6 Units Required; AS Degree - 6 Units Required

Anthropology

| | | |
|------------------|-----------------------------|---|
| Anthropology 102 | Cultural Anthropology | 3 |
| Anthropology 103 | Introduction to Archaeology | 3 |
| Anthropology 104 | Comparative Cultures | 3 |
| Anthropology 121 | Indians of North America | 3 |
| Anthropology 131 | Field Course in Archaeology | 3 |

Economics

| | | |
|--------------------------|---|---|
| Economics 98A | Economics Through Film | 1 |
| Economics 100 | Principles of Economics | 3 |
| Economics 105 | Principles of Economics | 3 |
| Economics 110 | Survey of Economics | 3 |
| Economics 130 | Consumer Economics | 3 |
| Economics 250 | Economic History of the United States | 3 |
| Economics 260 | Economic Geography | 3 |
| Geography | | |
| Geography 100 | The Human World: A Regional Study | 3 |
| Geography 130 | California Geography | 3 |
| Geography 140 | Weather and Climate | 3 |
| Geography 150 | Conservation of Natural Resources | 3 |
| Geography 160 | Cultural Geography | 3 |
| Geography 201 | Fieldwork in Physical Geography | 1 |
| Geography 260 | Economic Geography | 3 |
| History | | |
| History 51A | Survey of American Civilization | 3 |
| History 102 | History of World Theater | 3 |
| History 105 | History of Physical Science | 3 |
| History 126 | History of Antiques and Collectables | 3 |
| History 128 | Introduction to Historic Preservation | 3 |
| History 131A | Western Civilization | 3 |
| History 131B | Western Civilization | 3 |
| History 140 | Hispanic Civilization | 3 |
| History 141 | Introduction to Mexican/American Culture | 3 |
| History 151A | History of England and the British Empire | 3 |
| History 151B | History of England and the British Empire | 3 |
| History 162A | History of the Americas | 3 |
| History 162B | History of the Americas | 3 |
| History 171A | Political and Social History of the United States | 3 |
| History 171B | Political and Social History of the United States | 3 |
| History 180 | Man and Culture in East Asia | 3 |
| History 181A | Asian Civilizations | 3 |
| History 181B | Asian Civilizations | 3 |
| History 275 | History of California & the Pacific Coast | 3 |
| History 295 | Research Methods in Oral History | 2 |
| Political Science | | |
| Political Science 51B | Survey of American Civilization | 3 |
| Political Science 55 | Legal Method and the Legal Assistant | 3 |
| Political Science 100 | American Government | 3 |
| Political Science 130 | Political Communication | 3 |
| Political Science 209 | Urban Politics | 2 |
| Political Science 215 | Comparative Political Systems | 3 |
| Political Science 220 | Introduction to Public Administration | 3 |
| Political Science 230 | Introduction to International Relations | 3 |
| Psychology | | |
| Psychology 45 | Behavioral Science for Psychiatric Technicians | 3 |
| Psychology 101 | General Psychology (Introductory) | 3 |
| Psychology 110 | Intro. to Applied Psychology | 3 |
| Psychology 120 | Human Sexuality | 3 |
| Psychology 130 | Assertiveness Training | 2 |
| Psychology 139 | Developmental Psychology | 3 |
| Psychology 161 | Elementary Statistics in Behavioral Sciences | 3 |
| Psychology 202 | General Psychology (Experimental) | 4 |
| Psychology 222 | Psychological Disorders | 3 |

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| Psychology 225 | Psychology of Sex Differences | 3 |
| Psychology 233 | The Psychology of Adjustment | 3 |

Social Science

| | | |
|---------------------|--|-----|
| Social Science 51A | Survey of American Civilization | 3 |
| Social Science 51B | Survey of American Civilization | 3 |
| Social Science 142 | The Mexican-American in Contemporary Society | 3 |
| Social Science 161 | Elementary Statistics in Behavioral Sciences | 3 |
| Social Science 220A | Introductory Fieldwork in Human Services | 3 |
| Social Science 220B | Advanced Fieldwork-Human Services | 3 |
| Social Science 220C | Internship-Human Services | 3 |
| Social Science 231 | Minority Communities in America | 2-3 |
| Social Science 248 | The Education of Women in America | 2 |
| Social Science 295 | Research Methods in Oral History | 2 |

Sociology

| | | |
|----------------|--|---|
| Sociology 101 | Introductory Sociology | 3 |
| Sociology 102 | Social Problems | 3 |
| Sociology 161 | Elementary Statistics in Behavioral Sciences | 3 |
| Sociology 211 | Medical Sociology | 3 |
| Sociology 219 | Introduction to the Human Services | 3 |
| Sociology 220A | Introductory Fieldwork in Human Services | 3 |
| Sociology 220B | Advanced Fieldwork-Human Services | 3 |
| Sociology 220C | Internship - Human Services | 3 |
| Sociology 225 | Sociology of Women | 3 |
| Sociology 275 | Marriage and the Family | 3 |

D. LEARNING SKILLS - 3 Units in either written or oral communication or reading.

Written Communication:

| | | |
|----------------|--------------------------------------|-------|
| English 51 | Practical Communication | 3 |
| English 60 | Grammar and Composition | 3 |
| English 100 | Composition | 3 |
| Business 1ABC | Beginning Typewriting | 1,1,1 |
| Business 5 | Personal Typing | 2 |
| Business 41 | Business English | 3 |
| Business 120 | Business Communication | 3 |
| Journalism 110 | Introduction to Communications Media | 3 |

Oral Communication:

| | | |
|------------|---------------------|---|
| Speech 50 | Speech Fundamentals | 3 |
| Speech 100 | Human Communication | 3 |

Reading:

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| English 55A | Reading/Writing/Study Skills | 4 |
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