

## 2019-20 Associate of Science (AS) Plan and Analysis for Outcomes Assessment

Department: Arts & Humanities, Math, Science, Writing, Literature & Languages, Social Sciences

1. Outcome	2. Criteria or Target	3. Measurement Tool (course #, title, term)	4. When/how and by who analysis of assessment will be accomplished
Students who earn an AS degree can:			
<p>1. Communicate effectively using appropriate reading, writing, listening, and speaking skills. (<i>Communication</i>)</p>	<ul style="list-style-type: none"> <li>• 80% of students will earn a “C” or higher</li> <li>• 60% of students will earn a “B” or higher</li> </ul>	<p><b><u>Summer</u></b>            ART 230 Drawing I            ART 252 Ceramics I            ART 255 Ceramics II            COMM 111 Public Speaking            ENG 213 Latin American Literature            GS 108 Physical Science (Oceanography)            HST 202 History of the United States 1840-1914            PSY 201A Introduction to Psychology            PSY 215 Human Development            SOC 205 Social Change in Societies            WR 115 Introduction to Expository Writing            WR 121 English Composition            WR 122 English Composition            WR 227 Technical and Professional Writing</p> <p><b><u>Fall</u></b>            ART 230 Drawing I            ART 252 Ceramics I            ART 255 Ceramics II            ART 286 Watercolor I            ATH 101 Introduction to Physical Anthropology            BI 101 Biology            BI 122 Intro Human Anat/Phys II            BI 211 Principles of Biology            BI 231 Human Anatomy &amp; Physiology I            BI 233 Human Anatomy &amp; Physiology III</p>	<p>Analysis by general education departments will take place in Fall 2020 as part of the Gen Ed Program Review.</p>

		<p> BI 234 Microbiology  CH 121 General Chemistry I  COMM 111 Public Speaking  COMM 140 Introduction to Intercultural Communication  EC 200 Principles of Economics: Intro, Institutions &amp; Philosophies  ENG 250 Introduction to Folklore and Mythology  ENG 260 Into to Women Writers  ESR 171 Environ Science: Bio Perspect  GS 106 Physical Science (Geology)  HST 110 World History I: Ancient to Medieval  HST 201 History of the United States to 1840  MTH111 College Algebra  MTH 243 Statistics I  MTH 251 Calculus  PHL 201 Intro to Philosophy  PS 201 US Government I  PSY 101 Psychology and Human Relations  PSY 201A Introduction to Psychology - Part 1  PSY 202A Introduction to Psychology - Part 2  PSY 215 Human Development  SOC 204 Sociology in Everyday Life  SPA 101 First Year Spanish - First Term  WR 115 Introduction to Expository Writing  WR 121 English Composition  WR 122 English Composition  WR 227 Technical and Professional Writing  WR 241 Creative Writing- Fiction  WR 244 Advanced Creative Writing – Fiction  WS 101 Women's Studies </p> <p><b><u>Winter</u></b></p>	
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		ART 230 Drawing I ART 252 Ceramics I ART 255 Ceramics II ART 286 Watercolor I ATH 103 Introduction to Cultural Anthropology BI 101 Biology BI 121 Introduction to Human Anatomy & Physiology I BI 211 Principles of Biology BI 212 Principles of Biology BI 231 Human Anatomy & Physiology I BI 232 Human Anatomy & Physiology II CH 100 Everyday Chemistry with Lab CH 122 General Chemistry II COMM 111 Public Speaking COMM 237 Gender and Communication EC 201 Prin Econ: Microeconomics ENG 104 Introduction to Literature - Fiction ENG 201 Shakespeare's Early Works ENG 253 Survey of American Literature to 1865 ESR 172 Environmental Science: Chemical Perspectives GS 109 Physical Science (Meteorology) HST 111 World History II: Medieval to Modern HST 202 History of the United States 1840-1914 MTH 105 Math in Society MTH111 College Algebra MTH 243 Statistics I MTH 252 Calculus II MUS 108 Music Cultures of the World PS 202 US Government II PSY 201A Introduction to Psychology - Part 1 PSY 202A Introduction to Psychology -	
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		<p>Part 2</p> <p>PSY 214 Intro to Personality  PSY 215 Human Development  SOC 205 Social Change in Societies  SPA 102 First Year Spanish - Second Term  WR 115 Introduction to Expository Writing  WR 121 English Composition  WR 122 English Composition  WR 227 Technical and Professional Writing  WS 201 Women of the World</p> <p><b><u>Spring</u></b></p> <p>ART 102 Understanding the Visual Arts  ART 230 Drawing I  ART 252 Ceramics I  ART 255 Ceramics II  ART 286 Watercolor I  ATH 102 Intro to Archaeology and Prehistory  BI 101 Biology  BI 122 Intro Human Anat/Phys II  BI 211 Principles of Biology  BI 232 Human Anatomy &amp; Physiology II  BI 233 Human Anatomy &amp; Physiology III  BI 234 Microbiology  CH 122 General Chemistry II  CH 123 General Chemistry III  COMM 111 Public Speaking  COMM 214 Interpersonal Communications: Process &amp; Theory  EC 202 Prin Econ: Macroeconomics  ENG 106 Intro to Literature - Poetry  ENG 254 Survey of American Literature from 1865 to Present  ESR 173 Environ Science: Geolog Perspec  GS 108 Physical Science</p>	
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		(Oceanography) HST 112 World History III: Early Modern to Present HST 203 History of the US 1914 to Present HST 218 American Indian History HST 225 History of Women, Sex, and Family HST 270 History of Mexico MTH111 College Algebra MTH 112 Elementary Functions MTH 244 Statistics II MTH 253 Calculus III PHL 202 Intro to Philosophy: Elementary Ethics PSY 101 Psychology and Human Relations PSY 201A Introduction to Psychology - Part 1 PSY 202A Introduction to Psychology - Part 2 PSY 215 Human Development PSY 216 Social Psychology SOC 206 Social Problems SPA 103 First Year Spanish - Third Term WR 115 Introduction to Expository Writing WR 121 English Composition WR 122 English Composition WR 227 Technical and Professional Writing WR 246 Advanced Creative Writing - Editing and Publishing WS 202 Activism and Social Change	
2. Creatively solve problems by using relevant methods of scientific research, quantitative/symbolic reasoning, data analysis, and evaluation of information. <i>(Critical Thinking &amp; Problem-Solving)</i>	<ul style="list-style-type: none"> <li>80% of students will earn a "C" or higher</li> <li>60% of students will earn a "B" or</li> </ul>	<b>Summer</b> ART 230 Drawing I ART 252 Ceramics I ART 255 Ceramics II COMM 111 Public Speaking ENG 213 Latin American Literature GS 108 Physical Science	Analysis by general education departments will take place in Fall 2020 as part of the Gen Ed Program Review.

	higher	<p>(Oceanography)  HST 202 History of the United States 1840-1914  PSY 201A Introduction to Psychology  PSY 215 Human Development  SOC 205 Social Change in Societies  WR 115 Introduction to Expository Writing  WR 121 English Composition  WR 122 English Composition  WR 227 Technical and Professional Writing</p> <p><b>Fall</b>  ART 230 Drawing I  ART 252 Ceramics I  ART 255 Ceramics II  ART 286 Watercolor I  ATH 101 Introduction to Physical Anthropology  BI 101 Biology  BI 122 Intro Human Anat/Phys II  BI 211 Principles of Biology  BI 231 Human Anatomy &amp; Physiology I  BI 233 Human Anatomy &amp; Physiology III  BI 234 Microbiology  CH 121 General Chemistry I  COMM 111 Public Speaking  COMM 140 Introduction to Intercultural Communication  EC 200 Principles of Economics: Intro, Institutions &amp; Philosophies  ENG 250 Introduction to Folklore and Mythology  ENG 260 Into to Women Writers  ESR 171 Environ Science: Bio Perspect  GS 106 Physical Science (Geology)  HST 110 World History I: Ancient to Medieval  HST 201 History of the United States</p>	
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		<p>to 1840  MTH111 College Algebra  MTH 243 Statistics I  MTH 251 Calculus  PHL 201 Intro to Philosophy  PS 201 US Government I  PSY 101 Psychology and Human Relations  PSY 201A Introduction to Psychology - Part 1  PSY 202A Introduction to Psychology - Part 2  PSY 215 Human Development  SOC 204 Sociology in Everyday Life  SPA 101 First Year Spanish - First Term  WR 115 Introduction to Expository Writing  WR 121 English Composition  WR 122 English Composition  WR 227 Technical and Professional Writing  WR 241 Creative Writing- Fiction  WR 244 Advanced Creative Writing – Fiction  WS 101 Women's Studies</p> <p><b><u>Winter</u></b>  ART 230 Drawing I  ART 252 Ceramics I  ART 255 Ceramics II  ART 286 Watercolor I  ATH 103 Introduction to Cultural Anthropology  BI 101 Biology  BI 121 Introduction to Human Anatomy &amp; Physiology I  BI 211 Principles of Biology  BI 212 Principles of Biology  BI 231 Human Anatomy &amp; Physiology I  BI 232 Human Anatomy &amp; Physiology</p>	
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		<p>II</p> <p>CH 100 Everyday Chemistry with Lab</p> <p>CH 122 General Chemistry II</p> <p>COMM 111 Public Speaking</p> <p>COMM 237 Gender and Communication</p> <p>EC 201 Prin Econ: Microeconomics</p> <p>ENG 104 Introduction to Literature - Fiction</p> <p>ENG 202 Shakespeare's Later Works</p> <p>ENG 253 Survey of American Literature to 1865</p> <p>ESR 172 Environmental Science: Chemical Perspectives</p> <p>GS 109 Physical Science (Meteorology)</p> <p>HST 111 World History II: Medieval to</p> <p>HST 202 History of the United States 1840-1914</p> <p>MTH 105 Math in Society</p> <p>MTH111 College Algebra</p> <p>MTH 243 Statistics I</p> <p>MTH 252 Calculus II</p> <p>MUS 108 Music Cultures of the World</p> <p>PS 202 US Government II</p> <p>PSY 201A Introduction to Psychology - Part 1</p> <p>PSY 202A Introduction to Psychology - Part 2</p> <p>PSY 214 Intro to Personality</p> <p>PSY 215 Human Development</p> <p>SOC 205 Social Change in Societies</p> <p>SPA 102 First Year Spanish - Second Term</p> <p>WR 115 Introduction to Expository Writing</p> <p>WR 121 English Composition</p> <p>WR 122 English Composition</p> <p>WR 227 Technical and Professional Writing</p> <p>WS 201 Women of the World</p>	
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		<p><b>Spring</b></p> <p>ART 102 Understanding the Visual Arts</p> <p>ART 230 Drawing I</p> <p>ART 252 Ceramics I</p> <p>ART 255 Ceramics II</p> <p>ART 286 Watercolor I</p> <p>ATH 102 Intro to Archaeology and Prehistory</p> <p>BI 101 Biology</p> <p>BI 122 Intro Human Anat/Phys II</p> <p>BI 211 Principles of Biology</p> <p>BI 232 Human Anatomy &amp; Physiology II</p> <p>BI 233 Human Anatomy &amp; Physiology III</p> <p>BI 234 Microbiology</p> <p>CH 122 General Chemistry II</p> <p>CH 123 General Chemistry III</p> <p>COMM 111 Public Speaking</p> <p>COMM 214 Interpersonal Communications: Process &amp; Theory</p> <p>EC 202 Prin Econ: Macroeconomics</p> <p>ENG 106Intro to Literature - Poetry</p> <p>ENG 254Survey of American Literature from 1865 to Present</p> <p>ESR 173 Environ Science: Geolog Perspec</p> <p>GS 108 Physical Science (Oceanography)</p> <p>HST 112 World History III: Early Modern to Present</p> <p>HST 203 History of the US 1914 to Present</p> <p>HST 218 American Indian History</p> <p>HST 225 History of Women, Sex, and Family</p> <p>HST 270 History of Mexico</p> <p>MTH111 College Algebra</p> <p>MTH 112 Elementary Functions</p> <p>MTH 244 Statistics II</p> <p>MTH 253 Calculus III</p> <p>PHL 202 Intro to Philosophy:</p>	
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		<p>Elementary Ethics          PSY 101 Psychology and Human Relations          PSY 201A Introduction to Psychology - Part 1          PSY 202A Introduction to Psychology - Part 2          PSY 215 Human Development          PSY 216 Social Psychology          SOC 206 Social Problems          SPA 103 First Year Spanish - Third Term          WR 115 Introduction to Expository Writing          WR 121 English Composition          WR 122 English Composition          WR 227 Technical and Professional Writing          WR 246 Advanced Creative Writing - Editing and Publishing          WS 202 Activism and Social Change</p>	
<p>3. Extract, interpret, evaluate, communicate, and apply quantitative information and methods to solve problems, evaluate claims, and support decisions in their academic, professional and private lives. (<i>Quantitative Literacy</i>)</p>	<ul style="list-style-type: none"> <li>• 80% of students will earn a "C" or higher</li> <li>• 60% of students will earn a "B" or higher</li> </ul>	<p><b><u>Summer</u></b>          GS 108 Physical Science (Oceanography) - M</p> <p><b><u>Fall</u></b>          BI 121 Introduction to Human Anatomy &amp; Physiology I- M          BI 122 Intro Human Anat/Phys II- M          BI 231 Human Anatomy &amp; Physiology I - m          BI 233 Human Anatomy &amp; Physiology III- m          BI 234 Microbiology- M          CH 121 General Chemistry I- M          ESR 171 Environ Science: Bio Perspect- M          GS 106 Physical Science (Geology) - M          MTH111 College Algebra- M          MTH 243 Statistics I- M</p>	<p>Analysis by general education departments will take place in Fall 2020 as part of the Gen Ed Program Review.</p>

		<p>MTH 251 Calculus I- M PS 201 US Government I- m</p> <p><b><u>Winter</u></b>  BI 101 Biology- M  BI 121 Introduction to Human Anatomy &amp; Physiology I- M  BI 211 Principles of Biology- M  BI 212 Principles of Biology- M  BI 231 Human Anatomy &amp; Physiology I - m  BI 232 Human Anatomy &amp; Physiology II- m  CH 100 Everyday Chemistry with Lab- m  CH 122 General Chemistry II- M  EC 201 Principles of Economics: Microeconomics- M  ESR 172 Environmental Science: Chemical Perspectives- M  GS 109 Physical Science (Meteorology) – M  MTH 105 Math in Society - M  MTH111 College Algebra- M  MTH 243 Statistics I- M  MTH 252 Calculus II- M  PS 202 US Government II- m</p> <p><b><u>Spring</u></b>  BI 101 Biology- M  BI 122 Intro Human Anat/Phys II- M  BI 211 Principles of Biology- M  BI 232 Human Anatomy &amp; Physiology II- m  BI 234 Microbiology- M  CH 122 General Chemistry II- M  CH 123 General Chemistry III- M  EC 202 Principles of Economics: Macroeconomics- M  ESR 173 Environ Science: Geolog Perspec- M</p>	
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		GS 108 Physical Science (Oceanography) - M MTH111 College Algebra- M MTH 112 Elementary Functions- M MTH 243 Statistics I- M MTH 253 Calculus III- M	
4. Appreciate cultural diversity and constructively address issues that arise out of cultural differences in the workplace and community. ( <i>Cultural Awareness</i> )	<ul style="list-style-type: none"> <li>• 80% of students will earn a “C” or higher</li> <li>• 60% of students will earn a “B” or higher</li> </ul>	<p><b><u>Summer</u></b>          ART 230 Drawing I - m          ART 252 Ceramics I - m          ART 255 Ceramics II - m          COMM 111 Public Speaking -m          ENG 213 Latin American Literature - M          GS 108 Physical Science (Oceanography) - m          HST 202 History of the United States 1840-1914 -M          PSY 201A Introduction to Psychology - Part 1 -M          PSY 215 Human Development - m          SOC 205 Social Change in Societies - M</p> <p><b><u>Fall</u></b>          ART 230 Drawing I - m          ART 252 Ceramics I - m          ART 255 Ceramics II – m          ART 286 Watercolor I - m</p>	Analysis by general education departments will take place in Fall 2020 as part of the Gen Ed Program Review

		<p>           ATH 101 Introduction to Physical Anthropology -M            BI 122 Intro Human Anat/Phys II -m            BI 234 Microbiology - m            CH 121 General Chemistry I -m            COMM 111 Public Speaking -m            COMM 140 Introduction to Intercultural Communication -M            EC 200 Principles of Economics: Intro, Institutions &amp; Philosophies –M            ENG 250 Introduction to Folklore and Mythology - M            ENG 260 Into to Women Writers - M            ESR 171 Environ Science: Bio Perspect - m            GS 106 Physical Science (Geology) - m            HST 110 World History I: Ancient to Medieval -M            HST 201 History of the United States to 1840 - M            PHL 201 Intro to Philosophy - M            PS 201 US Government I – M            PSY 101 Psychology and Human Relations - m            PSY 201A Introduction to Psychology - Part 1 -M            PSY 202A -Introduction to Psychology - Part 2 -M            PSY 215 Human Development - m            SOC 204 Sociology in Everyday Life - M            SPA 101 First Year Spanish - First Term - M            WS 101 Women's Studies – M         </p> <p> <u>Winter</u>            ART 230 Drawing I - m            ART 252 Ceramics I - m            ART 255 Ceramics II - m            ART 286 Watercolor I – m            ATH 103 Introduction to Cultural Anthropology -M         </p>	
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		<p> BI 121 Introduction to Human Anatomy &amp; Physiology I – m  COMM 111 Public Speaking -m  COMM 237 Gender and Communication - M  EC 201 Prin Econ: Microeconomics - m  ENG 106 Introduction to Literature – Poetry - m  ENG 202 Shakespeare's Later Works - M  ENG 253 Survey of American Literature to 1865 - M  ESR 172 Environmental Science: Chemical Perspectives -m  GS 109 Physical Science (Meteorology) –m  HST 111 World History II: Medieval to Modern - M  HST 202 History of the United States 1840-1914 –M  HST 270 History of Mexico – M  MUS 108 Music Cultures of the World -M  PS 202 US Government II -M  PSY 201A Introduction to Psychology - Part 1 -M  PSY 202A -Introduction to Psychology - Part 2 -M  PSY 215 Human Development - m  SOC 205 Social Change in Societies - M  SPA 102 First Year Spanish - Second Term - M  WS 201 Women of the World - M </p> <p> <b><u>Spring</u></b>  ART 102 Understanding the Visual Arts - M  ART 230 Drawing I - m  ART 252 Ceramics I - m  ART 255 Ceramics II - m </p>	
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		<p>ART 286 Watercolor I – m</p> <p>ATH 102 Intro to Archaeology and Prehistory -M</p> <p>BI 234 Microbiology - m</p> <p>COMM 111 Public Speaking -m</p> <p>COMM 214 Interpersonal Communications: Process &amp; Theory - m</p> <p>EC 202 Prin Econ: Macroeconomics - m</p> <p>ENG 104 Intro to Literature – Fiction - m</p> <p>ENG 254 Survey of American Literature from 1865 to Present - M</p> <p>ESR 173 Environ Science: Geolog Perspec - m</p> <p>GS 108 Physical Science (Oceanography) - m</p> <p>HST 112 World History III: Early Modern to Present -M</p> <p>HST 203 History of the US 1914 to Present -M</p> <p>HST 218 American Indian History -M</p> <p>HST 225 History of Women, Sex, and Family - M</p> <p>HST 270 History of Mexico -M</p> <p>PHL 202 Intro to Philosophy: Elementary Ethics -M</p> <p>PSY 101 Psychology and Human Relations - m</p> <p>PSY 201A Introduction to Psychology - Part 1 -M</p> <p>PSY 202A -Introduction to Psychology - Part 2 -M</p> <p>PSY 215 Human Development - m</p> <p>PSY 216 Social Psychology -m</p> <p>SOC 206 Social Problems - M</p> <p>SPA 103 First Year Spanish - Third Term - M</p> <p>WS 202 Activism and Social Change - M</p>	
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<p>5. Recognize the consequences of human activity upon our social and natural world. (<i>Community and Environmental Responsibility</i>)</p>	<ul style="list-style-type: none"> <li>• 80% of students will earn a “C” or higher</li> <li>• 60% of students will earn a “B” or higher</li> </ul>	<p><b><u>Summer</u></b>  ENG 213 Latin American Literature - m  GS 108 Physical Science (Oceanography) - m  HST 202 History of the United States 1840-1914 – M</p> <p><b><u>Fall</u></b>  ART 286 Watercolor I - m  ATH 101 Introduction to Physical Anthropology - M  BI 101 Biology – M  BI 122 Intro Human Anat/Phys II - m  BI 211 Principles of Biology - m  BI 234 Microbiology - M  CH 121 General Chemistry I - M  EC 200 Principles of Economics: Intro, Institutions &amp; Philosophies - M  ESR 171 Environ Science: Bio Perspect - M  GS 106 Physical Science (Geology) - m  HST 201 History of the United States to 1840 - M  MTH111 College Algebra - m  MTH 243 Statistics I - M  MTH 251 Calculus I - m  PHL 201 Intro to Philosophy - M  PS 201 US Government I - M  PSY 201A Introduction to Psychology - Part 1 - m  PSY 202A -Introduction to Psychology - Part 2  PSY 215 Human Development - M  SOC 204 Sociology in Everyday Life - M  WS 101 Women's Studies - M</p> <p><b><u>Winter</u></b>  ART 286 Watercolor I – m  ATH 103 Introduction to Cultural</p>	<p>Analysis by general education departments will take place in Fall 2020 as part of the Gen Ed Program Review.</p>
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		<p>           Anthropology - M            BI 101 Biology – M            BI 121 Introduction to Human Anatomy &amp; Physiology I - m            BI 211 Principles of Biology - m            BI 212 Principles of Biology - m            CH 100 Everyday Chemistry with Lab - M            CH 122 General Chemistry II - M            COMM 237 Gender and Communication - m            EC 201 Prin Econ: Microeconomics - M            ENG 253 Survey of American Literature to 1865 - M            ESR 172 Environmental Science: Chemical Perspectives - M            GS 109 Physical Science (Meteorology) – m            HST 111 World History II: Medieval to Modern - M            HST 202 History of the United States 1840-1914 – M            MTH 105 Math in Society - M            MTH111 College Algebra - m            MTH 243 Statistics I - M            MTH 252 Calculus II - m            MUS 108 Music Cultures of the World - m            PS 202 US Government II – M            PSY 201A Introduction to Psychology - Part 1 - m            PSY 202A -Introduction to Psychology - Part 2            PSY 214 Intro to Personality - m            PSY 215 Human Development - M            SOC 205 Social Change in Societies – M            WS 201 Women of the World - M    <u>Spring</u>            ART 102 Understanding the Visual Arts         </p>	
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		<p>ART 286 Watercolor I – m          ATH 102 Intro to Archaeology and Prehistory - M          BI 101 Biology - M          BI 122 Intro Human Anat/Phys II - m          BI 211 Principles of Biology - m          BI 234 Microbiology - M          CH 122 General Chemistry II - M          CH 123 General Chemistry III - M          EC 202 Prin Econ: Macroeconomics - M          ENG 254 Survey of American Literature from 1865 to Present - M          ESR 173 Environ Science: Geolog Perspec - M          GS 108 Physical Science (Oceanography) - m          HST 112 World History III: Early Modern to Present - M          HST 203 History of the US 1914 to Present - M          HST 218 American Indian History - M          HST 225 History of Women, Sex, and Family - M          HST 270 History of Mexico - M          MTH 111 College Algebra - m          MTH 112 Elementary Functions - m          MTH 244 Statistics II - M          MTH 253 Calculus III – m          PHL 202 Intro to Philosophy: Elementary Ethics - M          PSY 101 Psychology and Human Relations          PSY 201A Introduction to Psychology - Part 1 - m          PSY 202A -Introduction to Psychology - Part 2          PSY 215 Human Development - M          PSY 216 Social Psychology - M          SOC 206 Social Problems – M          WS 202 Activism and Social Change – M</p>	
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Plans to be submitted to Academic Assessment Coordinator ([kkane@cgcc.edu](mailto:kkane@cgcc.edu)) by Nov 15 of academic year being assessed

Updated 11.27.19