

COLLEGE: **Sinclair Community College-MVTP Consortium**

CLUSTER: **Education & Training**

HIGH SCHOOL(S): \_\_\_\_\_

PATHWAY: **Math & Physics Education AYA**



PROGRAM: **University Parallel - AS**

**2008-2009**

**90 - 110 Credit Hours - SCC Associate of Science**

ADULT LEARNER ENTRY POINTS

GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	REQUIRED COURSES				
					RECOMMENDED ELECTIVE COURSES	OTHER ELECTIVE COURSES	CAREER AND TECHNICAL EDUCATION COURSES		
SECONDARY	9	English I (1)	Algebra I (1)	Physical Science w/ Lab (1)	World History (1)	Health (.5) P E (.5)	Foreign Language (1)		
	10	English II (1)	Geometry (1)	Biology (1)	American History (1)	P E (.5) Elective(.5)	Foreign Language (1)		
	11	English III (1)	Algebra II w/ Trig Functions (1)	Chemistry (1)	Am.Govt. (.5) Social Studies Elective (.5)	♦ CTE Science Education 11 (3)	♦ CTE Science Education 11 (3)	Elective (1)	
	12	English IV (1)	Calculus (1)	Physics or other AP lab science (1)	Elective (Adv. Math or Statistics) (1)	♦ CTE Science Education 12 (3)	♦ CTE Science Education 12 (3)	ACT College Readiness Std. English - 18	Math - 22 (Calculus - 27)

**Mandatory College Placement Assessment (Reading, Math and Writing) and Sinclair Academic Advising # + Passage of the State O.G.T. Requirement**

POSTSECONDARY	<p><b>Sinclair degree requirements</b> - College Foundations (2 hours) <b>SCC 101</b>- Student Success Experience, Computer: <b>EDU 103</b> - Educational Technology (3), Communication: <b>COM 211</b> - Effective Public Speaking (3)</p>	<p><b>Ohio Transfer Module</b> (54-60 hours) - Complete OTM as follows: English (ENG 111, 112, 113) - 9 hours; Math - see below; Natural Science - 15 hours see below; Social &amp; Behavioral Science - 9 hours minimum (ECO, GEO, PLS, PSY, SOC) Include <b>PSY 119</b> or <b>PSY 121 &amp; PSY 122</b>; Arts &amp; Humanities - 9 hours minimum (ART, DAN, HIS, HUM, LIT, MUS, PHL, REL, THE)</p>
	<p><b>Teacher Education Concentration</b> (12 hours): <b>EDU 100</b> - Foundations of Education (3), <b>EDU 105</b> - Introduction to Exceptionalities (3), <b>PSY 242</b>- Educational Psychology (3).</p>	<p><b>Math &amp; Science Core for OTM completion: MAT 201</b>- Calculus I (5) &amp; <b>PHY 201, PHY 202 &amp; PHY 203</b> - General Physics I, II, III (18) w/ lab sections <b>PHY 207, PHY 208 &amp; PHY 209</b></p>
	<p><b>Electives with Math &amp; Science Concentration</b> (19 to 35 hours Not taken under Math &amp; Science Core): <b>MAT 202 &amp; MAT 203</b> (10) - Calculus II &amp; III , <b>MAT 215</b> (5) - Differential Equations, <b>MAT 216</b> (4) - Elements of Linear Algebra <b>PHYSICS MAJORS ONLY</b> would take <b>CHE 151</b>(5) - General Chemistry I, <b>CHE 152</b> (5) - General Chemistry II, <b>CHM 153</b> (5) - General Chemistry III. In addition, take lab sections <b>CHE 157, CHE 158 &amp; CHE 159</b> under General Chemistry sequence. <b>EDU 106</b> - Capstone Course of Field Experience (3)</p>	

<p><b># The pathway template is a MAP to Program Course Selection. Sinclair Academic Advisors will assist students with individual course selections. Templates are precise for the year stated.</b></p>	<p><b>Ohio Transfer Module - Sinclair requires a minimum of 54 hours to complete the OTM. See advisor</b></p>
	<p><b>State Approved Transfer Assurance Guide (TAG) Courses</b></p>
	<p><b>Recommended coursework represents additional transferable credit applied to teaching concentration</b></p>
	<p><b>Institutional Requirements: For entrance and graduation, a transfer student must meet all institutional and degree requirements of native students at the receiving institution.</b></p>