School: **Lakewood High School**
Pathway Name: **Odyssey Academy**
Industry Sector: **Energy, Environment & Utilities**

Pathway Vision: To develop environmentally conscious critical thinkers and problem solvers who utilize their knowledge and skills to become agents of change and innovators in their career field.

Pathway Mission: Odyssey Academy is a conservation and sustainability pathway with a marine-themed focus on environmental solutions to global challenges, such as climate change, renewable energy, pollution, and a growing world population. Odyssey Academy is committed to advancing the academic, scientific, and personal literacy of each student through a strong and nurturing community of teachers, parents, and industry professionals that help provide the tools necessary to be successful in college or career and empower students to sustainably harness our planet's resources, conserve our natural environment, and BE THE CHANGE.

2027-2028 Course of Study
Graduating Class of 2031

		HS Grad Req.	9th grade	10th grade	11th grade	12th grade	UC/ CSU A-G Req.
Technical Core	**Required Technical Core** *3-course thematic sequence: CTE, PLTW, or Technical*	3	6125: The Green Future of Energy and Transportation	3874: Conservation Biology (d)		4190: Environmental Marine Sciences (d)	'g' 1
Academic Core	History/Social Science	3		2271/2271E: Modern World History or 2318: AP World History	2263/2263E: Ethnic Studies: Our American Histories or 2236: AP US History	2241: Personal Finance/Gov or 2234: Personal Finance/ AP Gov	'a' 2

	English	4	1401: English 1-2 or 1403: Acc English 1-2	1408: English 3-4 or 1457: AP Seminar: English 10	1410: English 5-6 or 1458: AP Lang	1474: ERWC or 1449: AP Lit	'b' 4
	Math	3	2986: Algebra 1 or 2971: Geom Accel	2970: Geometry or 2964: Algebra 2 Acc	2963: Algebra 2 or 1379: IDS (after Alg 2) 3057/3053: Pre Calc/ Honors or 2999: AP Pe Cal	Optional 3057/3053: Pre Calc/ Honors or 2999: AP Pre-Calc or 3158: AP Calculus AB or 3157: AP Statistics	'c' 3
	Lab Science	2	4026: Physical Oceanography (d)	Met by technical core course			'd' 2
	Language Other Than English (LOTE)	1 or VAPA	World Language	World Language			'e' 2
	Visual and Performing Arts (VAPA)	1 or LOTE	1082: Art 1-2 or 3429: Band 1-2 or 3451: Orchestra 1-2 or 3364: Theater 1 or 3693: Dance, 2623: Graphic Arts 1-2 or 0900: Academic Decathlon or 1451: Creative Writing				'f' 1
	Optional Pathway-Aligned Elective Course				3876: Chemistry in the Earth Systems (d)		'g' 1
	Physical Education	2	3704: PE 9 or 3209: NJROTC 1-2 or 3786: Marching Band or 3693: PE 9 Dance or 3604: Spirit Leaders or Sport	3707: PE 10 or 3211: NJROTC 3-4 or 3694: PE 10 Dance or Sport			

Updated 9/17/26

Global Elective Courses	Additional courses that provide pathway enrichment	3		2227/2231: Intro to Psych/Soc 2323: AP Human Geography	1083: Drawing & Painting Art 3-4 or 1084: Drawing & Painting 5-6 or 1087: Art 3-4 Ceramics or 2224: AP Psych or 3854: AP Physics or 4032: AP Environmental Science or 3852: AP Bio or 1456: AP Research or 1860: AP Spanish Lang or 1806: AP French	1084: Art 5-6 Drawing & Painting or 1089: Art 5-6 Ceramics or 1041: AP Drawing or 1042: AP 2D Art & Design or 1092: Advanced Studio Art or 1043: AP 3-D Art & Design or 1085: Art 7-8 Drawing & Painting	