CHEM - Cycle of Assessment

	acquire fact-based knowledge necessary to understand chemistry as citizens and practice it as	design and execute	develop critical thinking skills necessary to assess and	5	communicate chemistry effectively i	2
Year	scientists	laboratory experiments	assemble facts and data	a groups	written and oral forms	environment
18-19					18-19	
19-20			19-20		19-20	
20-21	20-21					20-21
21-22		21-22				
22-23				22-23		
23-24			23-24		23-24	
24-25	24-25					24-25
25-26		25-26				
26-27				26-27		
27-28			27-28		27-28	

Direct	DUCK exam, standardized course exams	independent research papers (ATEC/CHEM 450)	capstone paper rubric	independent research papers	capstone paper rubric, student conference presentations, capstone presentation grades	
Indirect	Sr. Survey	Sr. Survey	Sr. Survey	Sr. Survey	Sr. Survey	Sr. Survey