Tables to Accompany 2010 Assessment Report
Science with Chemistry Curriculum
Part 2 of 4

Table 12. Organic Lab Practical

	% of Students						
	2010			**2009**	**2008**	**2007**	**2006**
Method Identification	**FT**	**Adjunct**	**All**				
> 2 methods	100	100	100	88	70.3	66.7	76.7
1 method				11	25.7	29.4	21.1
0 methods				2	4.1	3.9	2.2
Date Reasonable							
Both methods	74	71	73	80	78.5	64.7	80.0
One method	23	24	23	18	19.0	29.4	18.9
None	3	5	4	2	2.5	5.9	1.1
Identification of Unknown							
Correct	77	76	77	70	72	71	80
Incorrect	23	24	23	30	28	29	20
Data Analysis							
Competent or higher	66	43	57				
Superior	37	5	25				
Competent	29	38	32				
Developing	31	57	41				
Unacceptable	3	0	2				
Support							
Competent or higher	89	43	71				
Superior	54	19	41	45*	25.3*	11.8*	45.5*
Competent	34	24	30				
Developing	11	57	29				
Unacceptable	0	0	0				

* Classified as completely supported which would be equivalent to "superior."

Table 13. CHEM 1215 Polyprotic Acid Assessment

	% of Students			
	2010	2009	2008	2007
Correctly identified the unknown	89	83	81	91
Supported with convincing conclusion	64	40 (37*)	43 (27*)	32 (40*)
Competently performed data analysis	54			
*These were the students who were categorized as "incompletely supporting" their identification. We thought that a significant fraction of these were in fact very close to rating "completely supporting."				