

**Pet Food Formulation for Commercial Production**  
**IGP Institute/Kansas State University**  
**January 6-10, 2025 - COURSE AGENDA**

Section	Date	Time	Activity	Instructor
	Jan 6	0830	Welcome, Agenda, Introductions	Pezzali
		0900	Installing Software; Check-in	Pezzali / C5
		0930	Nutritional recommendations & Ingredients	Pezzali
		1030	Break	
		1100	Nutritional recommendations & Ingredients	Pezzali
		1200	Break	
		1300	Principles of formulation	Aldrich
		1400	Principles of formulation	Aldrich
		1500	Principles of formulation	Aldrich
		1530	Software overview I	Aldrich/Pezzali
		1630	Adjourn	
		Jan 7	0800	Regulations and labeling requirements
	0845		Baking overview, Demonstration Video (PFP, Aldrich)	Pezzali
	0915		Software overview II & Baked treats ( <i>formulation exercise</i> )	Pezzali
	1100		Break	
	1300		Extrusion Introduction, ingredient functionality, Demonstration Video	Alavi
	1400		Extrusion – no meat CAT ( <i>formulation exercise</i> )	Pezzali
	1500		Extrusion – no meat DOG - Reverse Engineering ( <i>formulation exercise</i> )	Pezzali
	1630		Adjourn	
	Jan 8	0800	Formulas overview and questions	Pezzali
		0830	Canning Introduction, Ingredient functionality, Demonstration Video (PFP, Aldrich)	Lambrakis
		0930	Canned/Wet Loaf based formula ( <i>formulation exercise</i> )	Lambrakis
		1030	Break	
		1300	Group picture	
		1310	Canned/Wet Chunks & Gravy formula ( <i>formulation exercise</i> )	Lambrakis
		1400	Canning overview & new trends	Lambrakis
		1500	Break	
		1530	Raw (frozen/freeze dried) and gently cooked overview (PFP, Aldrich)	Templeman
	1630	Adjourn		
	Jan 9	0800	Formulas overview and questions	Lambrakis
		0830	Formulation – raw frozen and gently cooked ( <i>formulation exercise</i> )	Templeman
		0930	Formulation – raw freeze dried ( <i>formulation exercise</i> )	Templeman
		1030	Break	
		1300	Formulas overview and questions	Templeman
		1330	Formulation – Kibble with meat slurry ( <i>formulation exercise</i> )	Aldrich
		1430	Formulation – Multi-Step formulation ( <i>formulation exercise</i> )	Aldrich
		1530	Formulation – Multi-Component ( <i>demonstration - formulation exercise</i> )	Aldrich
			Computing Metabolizable Energy	Aldrich/ Pezzali
	1630	Adjourn		
	Jan 10	0800	Formulas overview and questions	Aldrich / Pezzali
		0830	Formulation for Claims	Gross
		0930	Formulation for Claims: GI health ( <i>formulation exercise</i> )	Gross
		1030	Break	
		1100	Computing Metabolizable Energy and Creating Feeding Guidelines	Gross
		1200	Break	
		1300	Formulas overview and questions	Gross/ Pezzali
		1330	Urinary pH considerations	Pezzali
		1400	Cat food – urinary pH ( <i>formulation exercise</i> )	Pezzali
		1530	Open Q&A / Certificate	Pezzali
	1630	Adjourn		