

**ENGR 2250 General Course Outline, ABET Alignment,  
Foundational Concepts Alignment, and WOVE Connections  
(written, oral, visual, electronic)**

	ABET *	Professional Practice	Comm Context	Comm Design	Engr Identity	W	O	V	E
Week 1: Covering design thinking, rhetorical triangle, scope of deliverables to expect in class and on the job, professionalism in engineering.	f, g, i	x	x	x	x	x			
Week 2: Working in teams, team charters/workflow (general issues covered here because teams are forming in larger MAE course).	d, f, g, i	x	x	x	x	x			
Week 3: Thinking about users/audiences for communication pieces, return to rhetorical triangle, technical abstracts.	f, g, h, i	x	x	x		x	x		
Week 4: (short week) Continuing work on technical abstracts, in-class Reflection on Practice (ROP: topic = past presentations).	e, g	x	x	x		x	x		
Week 5: Training for presentations using assertion-evidence-notes model, workshop good/bad slides at end of week.	f, g, i, k	x	x	x	x	x	x	x	x
Week 6: Archiving with slides as professional practice, how to do seamless team talks, visuals in presentations, visuals in documents, captioning visuals in documents, citation practices, ROP (past team functionality).	f, g, k	x	x	x	x	x	x	x	x
Week 7: Creating and refining teams for ENGR. Working in teams, understanding personalities and team dynamics, assessing audience, doing the anthropology of the field, proposal writing/purpose. <i>Proposal assigned</i> (teams).	c, d, e, f, g, h, i, j	x	x	x	x	x			
Week 8: Continuing with proposals, creating résumés and cover letters. Proposal pitches.	d, e, g, h, i, j	x	x	x	x	x	x	x	
Week 9: Continuing proposal talks, creating electronic portfolios.	d, g, h, j	x	x	x	x	x	x		x
Week 10: Spring break.									
Week 11: Final technical report assignment given (a continuation of the proposed team project). Researching in the library (online), citing sources properly.	c, d, e, f, g, h, i, j, k	x	x	x	x	x			x
Week 12: Writing technical reports (introduction, background, history, lit reviews, methods, results, discussion, conclusions, citing); writing as a team.	c, d, f, g, h, i, j	x	x	x		x		x	
Week 13: Reviewing and editing drafts in a team, peer editing, sweep edits, preparing reports and their associated talks for paper and electronic delivery/archiving.	d, g, i	x		x		x	x	x	x
Week 14: Workshopping final technical team report. Report due.	d, g, h, j	x	x	x	x	x		x	
Week 15: Student team talks for final report.	d, g, h, j	x	x	x	x	x	x	x	x
Week 16: Reviewing semester gains, final ROP.	g, i								
* Note: For ABET alignment, we assume “translation” of items into an engineering communication context. For example, for ABET’s “f” item (ethics), we align engineering communication to “f” in discussions about codes of ethics, patents, copyright, attribution/citing of sources, and so forth. For ABET’s item “c” in this case, the wind/water pump projects from MAE were “translated” into a different set of work that imposed specific social justice contexts on the pump, removing it from isolation and placing it in a “real” context (further covered herein).									

