

UNIVERSITY OF PITTSBURGH AT JOHNSTOWN  
ENGINEERING TECHNOLOGY DIVISION

CAS 0001 University Scholarship - 2131

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Class	Date	Topic	Presenters	Assignments
1	8/29/13	<b>Welcome - Course Introduction</b> Keys to Success In Engineering Study, Syllabus Introduction to the <i>Element</i> , SAILS	Withiam and Borsa	Memo #1 (assigned and due next week) SAILS (assigned and due by 10/3/13)
2	9/5/13	<b>ET Student Organizations</b> ASCE, ASME, IEEE, SAE, SUE, SWE <b>Engineering Technology Overview</b> An overview with emphasis on CET, EET and MET (detailed explanations of each provided during spring semester)	Club representatives and Samples	<b>Memo #1 due</b> Memo #2 (assigned and due next week)
3	9/12/13	<b><i>Time Management, Organizing Learning and Time</i></b>	Borsa	<b>Memo #2 due</b> <i>Element</i> Ch. 1 <i>Studying Engineering</i> pp. 180-186
4	9/19/13	<b>Studying Engineering - Chapter 2</b> The Engineering Profession What is Engineering? Rewards/Opportunities, Disciplines, Job Functions, Professional Registration	Rose and Karunaratne	
5	9/26/13	<b><i>Working in the Zone: Studying and Test-Taking Strategies</i></b>	Borsa	Fixed Commitment Calendar (assigned and due next week) <i>Element</i> pp.86-102 <i>Studying Engineering</i> : Ch. 4 & Ch. 5
6	10/3/13	<b>Spring Term Advising</b>	Houston, Karunaratne, Jayasooriya, Miller and Sampes	Memo #3 (assigned and due next week) <b>SAILS and Fixed Commitment Calendar due</b>
7	10/10/13	<b><i>Mentoring</i></b>	Borsa	<i>Element</i> Ch. 8 Memo #3 due
8	10/17/13	<b>ET Employer Day - Heritage Hall</b>		Memo #4 (assigned and due next week)
9	10/24/13	<b><i>Problem Solving and Creativity</i></b> Concept Map Activity	Borsa	<b>Memo #4 due</b> <i>Element</i> Ch. 3 <i>Studying Engineering</i> pp. 172-175 Concept Map (assigned and due next week)

Class	Date	Topic	Presenters	Assignments
10	10/31/13	<b>Studying Engineering - Chapters 3 to 5</b> Academic Success Strategies Structuring Your New College Life Effective Use of Professors and Peers Student Professional Organizations	Malmgren and Youchak	<b>Concept Map due</b>
11	11/7/13	<i>Problem Solving Activity</i>		<b>In class activity - will submit work at end of class time</b>
12	11/14/13	<b>Studying Engineering - Chapter 6</b> Personal Growth and Development Receptiveness to Change, Behavior Modification, Understanding Yourself and Others, Communication Skills, Mental/Physical Wellness and Personal Motivation	Miller	
	11/18/13	<i>Invisible Children Presentation</i>	Outside presentation	<b>Program series attendance is mandatory (NOTE DATE); reflection on series is required and due Dec. 5 (it will part of portfolio)</b>
13	11/21/13	<i>Preparing for Final Exams and Academic Success Wrap-Up</i>	Borsa	
	11/28/13	<b>Thanksgiving recess</b>		
	12/5/13	<b>FINAL EXAM</b>	Withiam	<b>Program series reflection and portfolio due</b>

<b>Grading for CAS 0001</b>	
<b>Percentage</b>	<b>Assignment</b>
15	Memo assignments (4) and attendance
10	Fixed commitment calendar
10	SAILS
10	Concept Map
5	Problem solving activity
15	Program series attendance and reflection
15	Portfolio
20	Final exam
100	

**The Element** by Ken Robinson, Ph.D with Lou Aronica

**Studying Engineering** is also used in this course.

Questions regarding both books are on the final exam.

**Assignments by date assigned:**

8/29/13	Memo on attitude matrix, data plotted, memo on skills to work on and goals	Memo #1
8/29/13	SAILS	
9/5/13	Memo on past activities and activities of interest	Memo #2
9/26/13	Fixed commitment calendar	
10/3/13	Memo on questions about advising	Memo #3
10/17/13	Memo on ET Employer Day	Memo #4
10/24/13	Concept map	
11/7/13	Problem solving activity	
11/19/13	Invisible Children reflection	