

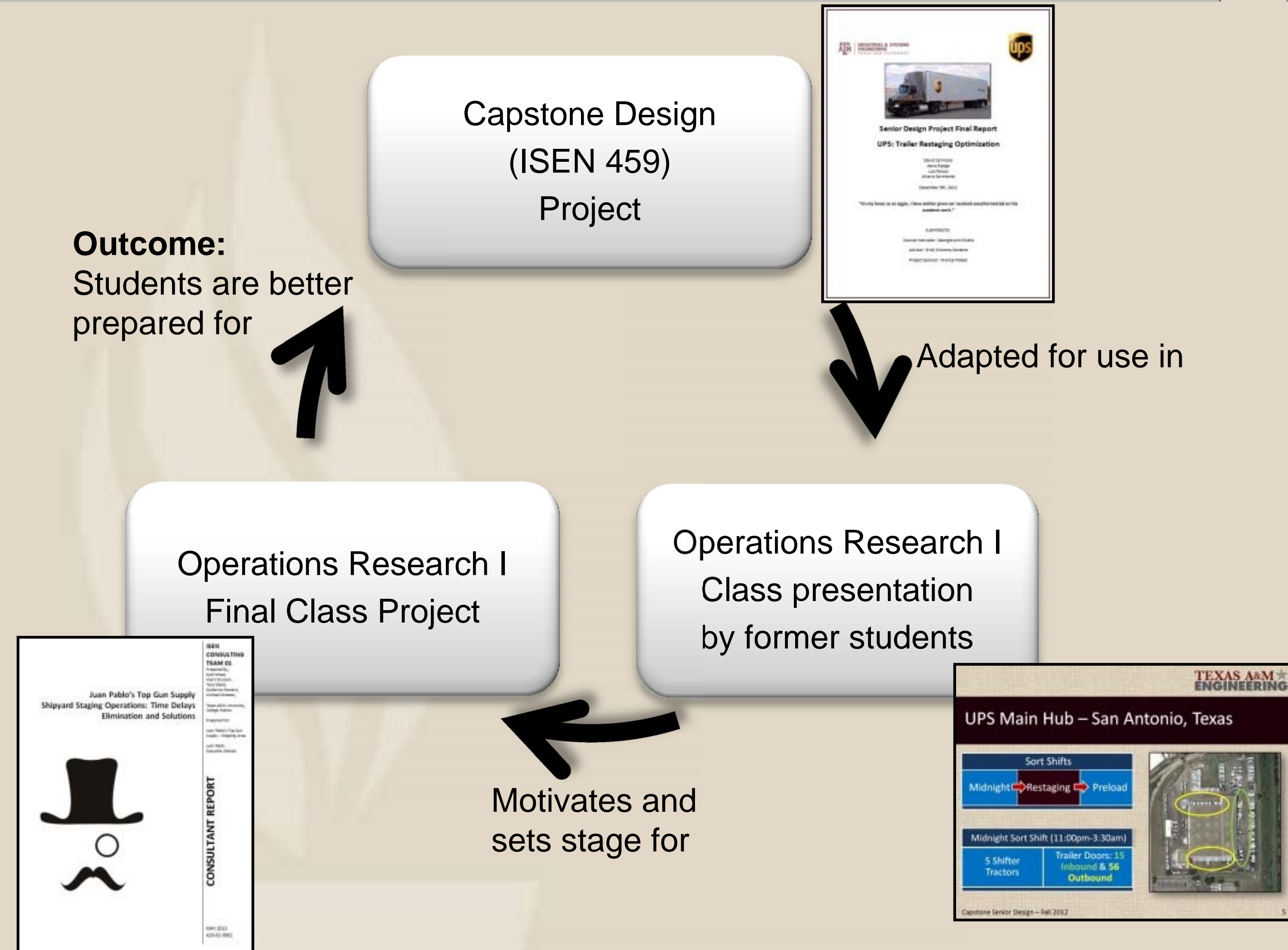


Montague – CTE Scholar Erick Moreno-Centeno (2012-13) College of Engineering: Industrial Engineering



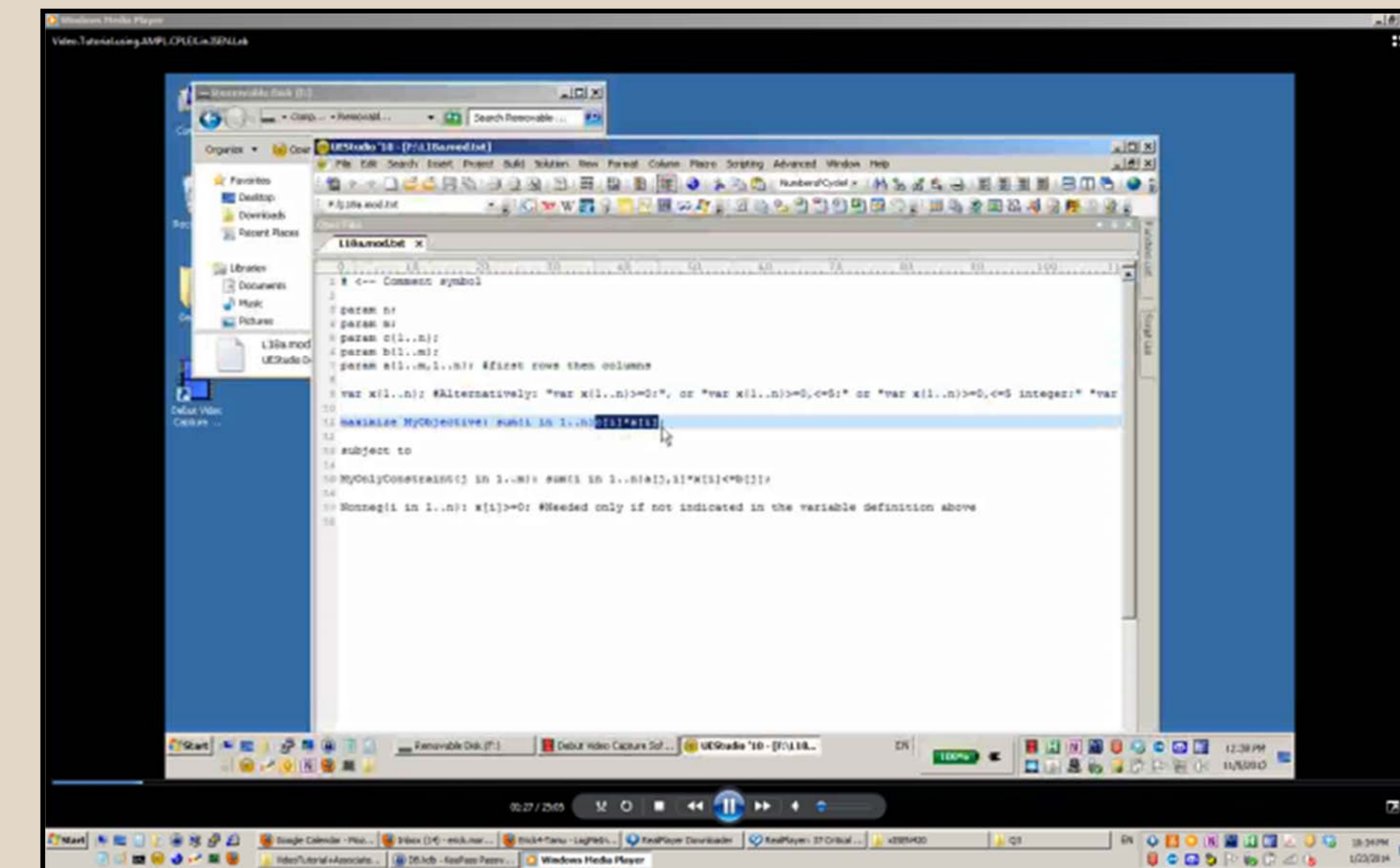
Final projects on real-world problems

Exercises combining video and software

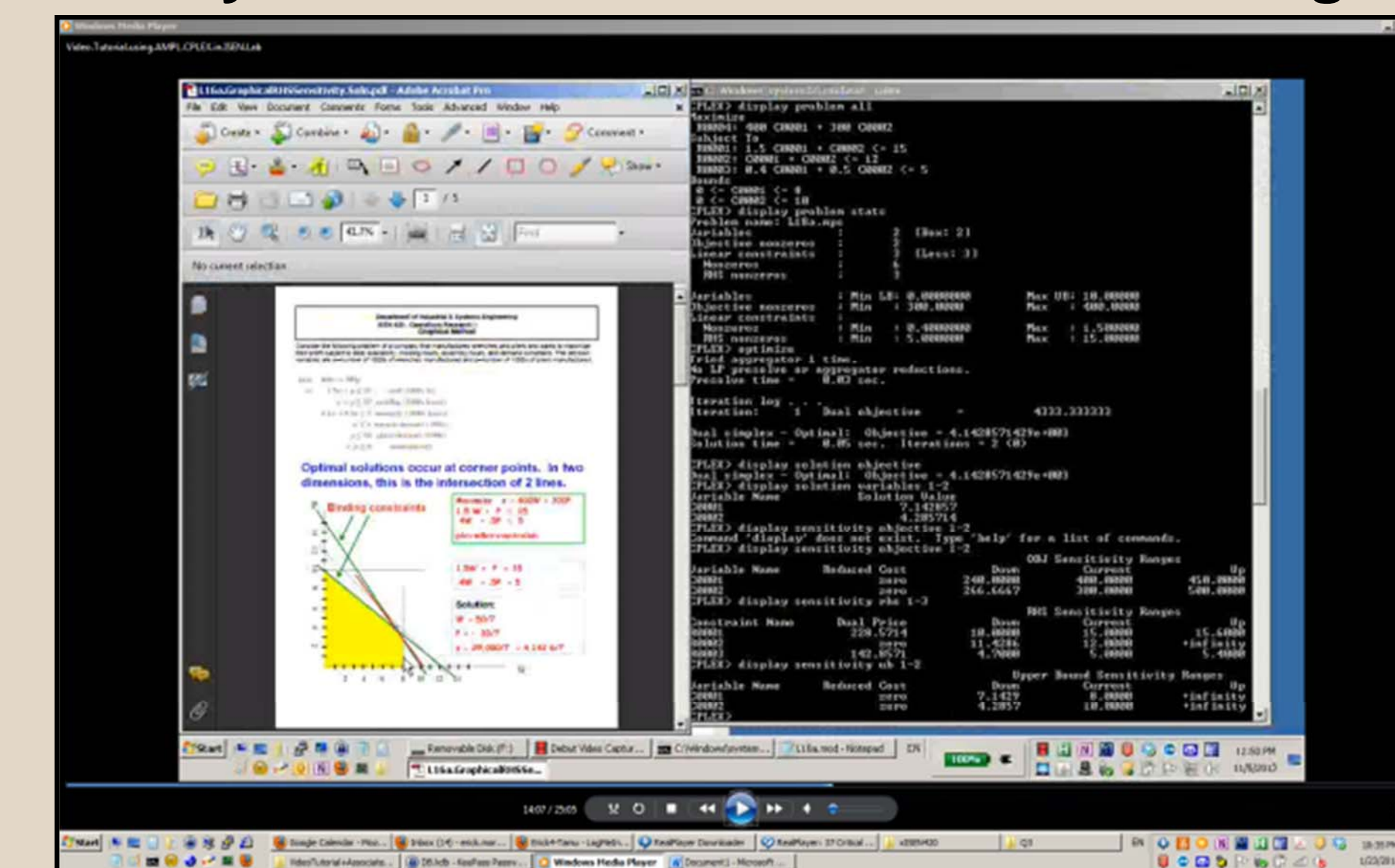


Outcome:
Students are better prepared for

Screen shot 1: I explain line section by section the AMPL model file.



Screen shot 2: I explain how to get in CPLEX the same sensitivity information that the students obtained in class on a handout on the graphical method. In the video I place side by side the graphical information and analysis with the CPLEX instructions to get the same info.



Acknowledgements



Luis Rincon
Engineer Estimator
Kiewit Energy Group
Class of 2013

Jesus A. Espiga
Piping Engineer
VEPICA
Class of 2013



I gratefully acknowledge the Montague-CTE scholars award program for providing funds used towards the purchase of a tablet computer, and student support enabling these educational enhancements.