











## Deliverables

PHOTOACOUSTIC & ULTRASONIC SYSTEMS ENGINEERING LAB

Minimum (March 8 <sup>th</sup> )	Expected (April 5 <sup>th</sup> )	Maximum (April 19 <sup>th</sup> )
Images: Automatic registration of SLSC/DAS US images to CT images of spine specimen (hard tissue)	<b>Images:</b> add robust SLSC to registration framework	<b>Images</b> : add PA to registration framework
<b>Equation</b> : Propose algorithm for a robust SLSC technique		
<b>Graph:</b> Show registration performance when varying quality parameters for SLSC and DAS	<b>Graph:</b> add quality parameters for robust SLSC (e.g., kernel size and regularization parameters)	<b>Graph</b> : compare CT-PA and CT-US registration performance using PA images





