

**CRISIS 2006 Summer Tutorials**  
**Mercury Room, 317 Nichols Hall, KU West Campus**

<b>Dates</b>	<b>Time</b>	<b>Topic</b>	<b>Presenter</b>
<b>Week #1 Introduction to CReSIS</b>			
June 2	10:30-11:00	General Introduction	Gogineni
	11:00-11:30	Science Overview	Braaten
	11:45-12:15	Technology Overview	Allen
	12:15-12:45	Education Overview	Webber
<b>Week #2 Matlab and its Applications</b>			
June 5	3:00-4:00	Introduction: User Interface	Blake (GRA)
June 6	3:00-4:00	Variables and Functions	Adany (GRA)
June 7	3:00-4:00	Data Input and Output, Files	Li, Jilu (GRA)
June 8	3:00-4:00	Data Analysis	TBA
June 9	3:00-4:00	Plots and Graphs	Jara-Olivares (GRA)
<b>Week #3 CReSIS Knowledge Transfer &amp; Entrepreneurship</b>			
June 12	2:30-3:50	Introduction to Entrepreneurship	Sanjay Mishra
June 12	4:00-6:00	Who should be an Entrepreneur?	Neal Sharma
June 13	2:30-3:50	Business Plans	Sanjay Mishra
June 13	4:00-6:00	Understanding an Opportunity	Lesa Mitchell
June 14	2:30-3:50	EASI case—Analyzing a business plan	Sanjay Mishra
June 14	4:00-6:00	EASI case—Analyzing a business plan	Sanjay Mishra
June 15	2:30-3:50	How to “build” and opportunity	Rob Herrington
June 15	4:00-6:00	How do you know you have a great idea?	Suresh Ramamurthi
June 16	2:30-3:50	Support for developing your ideas	KU, KTEC
June 16	4:00-6:00	Wrap Up: Questions, follow-up	Sanjay Mishra
<b>Week #4 Introduction to Ice Sheets and Glaciers</b>			
June 19	3:00-4:00	Polar Climate & Snowfall	Braaten
June 20	3:00-4:00	Glacier Motion and Mass Balance	van der Veen
June 21	3:00-4:00	Ice Core and Climate	Alley
June 22	3:00-4:00	Seismic Methods of Glacier Research	Anandakrishnan
June 23	3:00-4:00	Holistic Ice Sheet Modeling	Hughes
<b>Week #5 Introduction to Radars and Applications</b>			
June 28	11:00 am	Principles of Radar	Allen
	12:00 am	Introduction to Pulse Radar Compression	Allen
	2:00 pm	Fm Radar	Pannir
	3:00 pm	Digital Signal Processing For Radar	Blake (GRA)
	4:00 pm	SAR	Paden, Gogineni
	5:00 pm	INSAR	Gogineni
June 29	10:00 am	RF System requirements, design, and simulation	Willyard (GRA)
	11:00 am	Digital hardware and software (waveform generation, data acquisition, and timing generation)	Akins
	12:00 am	Circuit board design, manufacturing, housing, and population.	Lohofener (GRA)
	2:00 pm	Radar demonstration ( <b>not videocast</b> )	Akins
<b>Week #6 Writing Reports and Papers</b>			
July 5	3:00-4:00	Getting started, tips for success	Mason
July 6	3:00-4:00	Writing abstracts	Braaten
July 7	3:00-4:00	Writing papers in IEEE format	Hayden
July 10	3:00-4:00	Writing reports	Prescott

RED --- ECSU will receive and participate in the videoconference broadcast from University of Kansas  
GREEN –ECSU will broadcast these videoconferences to other partners. Leader is from ECSU