NSF TUES DUE Type 2 Project:

Dissemination of Microprocessor Courses through Classroom and Interactive Cyber-Enabled Technologies

California State University-Fresno Distance Training Workshop Schedule

Day 1: Thursday: June 6, 2013 Page 1 of 3

Date/Time (PST)	Item/Topic	Presenter	Location
6/6/13, 8:00AM-9:00AM	Introduction to Workshop/	CSUF: Reza Raeisi	Any
	Distance Training/Tools/	ODU: Steve Hsiung	Landline
	Project/Rules/Assessment/	ODU: John Ritz	Internet
	Stipends, Pre-Test		
6/6/13, 9:00AM-10:00AM	PIC MCU Architecture	CSUF: Reza Raeisi	Any
		ODU: Steve Hsiung	Landline
			Internet
6/6/13, 10:00AM-12:00PM	Course & Lab Module #1:	CSUF: Reza Raeisi	Any
	Header File, MPLAB	ODU: Steve Hsiung	Landline
	Compilation, and PICkit2	Subgroups:	Internet
	Programming Exercises	ODU: Richard Jones	
		WSU: Ece Yaprak	
		TCC: Tom Stout	
6/6/13, 12:00PM-1:00PM	Lunch Break	CSUF: Reza Raeis	
6/6/13, 1:00PM-1:30PM	Review of Learned Materials:	CSUF: Reza Raeisi	Any
	Distance Tools, Course/Lab	ODU: Steve Hsiung	Landline
	Module #1		Internet
6/6/13, 1:30PM-2:30PM	Course Module #2: PIC	CSUF: Reza Raeisi	Any
	Microcontroller Assembly	ODU: Steve Hsiung	Where
	Language Programming and		Landline
0/0/40 0 00004	MPLAB Simulation Exercises	COLLE D. D	Internet
6/6/13, 2:30PM-3:30PM	Lab Module #2: PIC	CSUF: Reza Raeisi	Any
	Microcontroller Assembly	ODU: Steve Hsiung	Landline
	Language Programming and MPLAB Simulation Exercises	Subgroups: ODU: Richard Jones	Internet
	WPLAB Simulation Exercises	WSU: Ece Yaprak	
		BRCC: Jim Eiland	
6/6/13, 3:30PM-4:30PM	Course Module #3: PIC	CSUF: Reza Raeisi	Any
0/0/13, 3.301 W-4.301 W	Microcontroller Index	ODU: Steve Hsiung	Landline
	Assembly Language	ODO. Steve Historing	Internet
	Programming & MPLAB		Internet
	Simulation Exercises		
6/6/13, 4:30PM-5:00PM	Course and Lab Modules #1-	CSUF: Reza Raeisi	Any
	#3 Group Discussions/	ODU: Steve Hsiung, Richard	Landline
	Suggestions	Jones, John Ritz	Internet
	Suggestions	WSU: Ece Yaprak	
		BRCC: Jim Eiland	
		TCC: Tom Stout, Richard	
		Seriani	

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California State University-Fresno Distance Training Workshop Schedule

Day 2: Friday: June 7, 2013

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Date/Time (PST)	Item/Topic	Presenter	Location
6/7/13, 8:00AM-9:00AM	Lab Module #3: PIC	CSUF: Reza Raeisi	Any
677716, 61667 am 61667 am	Microcontroller Index	ODU: Steve Hsiung	Landline
	Assembly Language	Subgroups:	Internet
	Assembly Language	ODU: Richard Jones, WSU:	internet
		Ece Yaprak, TCC: Richard	
		Seriani	
6/7/13, 9:00AM-10:00AM	Course Module #4: PIC	CSUF: Reza Raeisi	Any
	Microcontroller Index	ODU: Steve Hsiung	Landline
	Assembly Language	_	Internet
	Programming & MPLAB		
	Simulation Exercises		
6/7/13, 10:00AM-11:00AM	Lab Module #4: PIC	CSUF: Reza Raeisi	Any
	Microcontroller Index	ODU: Steve Hsiung	Landline
	Assembly Language	Subgroups:	Internet
	Programming & MPLAB	ODU: Richard Jones, WSU:	
	Simulation Exercises	Ece Yaprak, TCC: Tom Stout	
6/7/13, 11:00AM-12:00PM	Course Module #5: PIC	CSUF: Reza Raeisi	Any
	Microcontroller I/O Controls	ODU: Steve Hsiung	Landline
	Exercises		Internet
6/7/13, 12:00PM-1:00PM	Lunch Break	CSUF: Reza Raeisi	
6/7/13, 1:00PM-2:00PM	Lab Module #5: PIC	CSUF: Reza Raeisi	Any
	Microcontroller I/O Controls	ODU: Steve Hsiung	Landline
	Exercises	Subgroups:	Internet
		ODU: Richard Jones, WSU:	
		Ece Yaprak, BRCC: Jim	
		Eiland	
6/7/13, 2:00PM-2:30PM	Review of Learned Materials:	CSUF: Reza Raeisi	Landline
	Course/Lab Modules #3-#5	ODU: Steve Hsiung	Internet
6/7/13, 2:30PM-3:30PM	Course Module #6: I/O	CSUF: Reza Raeisi	Any
	Controls with Interrupts	ODU: Steve Hsiung,	Landline
	Applications		Internet
6/7/13, 3:30PM-4:30PM	Lab Module #6: I/O Controls	CSUF: Reza Raeisi	Any
	with Interrupts Applications	ODU: Steve Hsiung	Landline
		Subgroup:	Internet
		ODU: Richard Jones, WSU:	
		Ece Yaprak, TCC: Richard	
C/7/40 4:20D## F-00D##	Ossess and I at Mark I 1 192	Seriani	A
6/7/13, 4:30PM-5:00PM	Course and Lab Modules #3-	CSUF: Reza Raeisi, ODU:	Any
	#6 Group Discussions/	Steve Hsiung, Richard Jones,	Landline
	Suggestions	John Ritz, WSU: Ece Yaprak,	Internet
		BRCC: Jim Eiland, TCC: Tom	
		Stout, Richard Seriani	

NSF TUES DUE Type 2 Project:

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California State University-Fresno Distance Training Workshop Schedule

Day 3: Saturday: June 8, 2013 Page 3 of 3

Date/Time (PST)	Item/Topic	Presenter	Location
6/8/13, 8:00AM-8:30AM	Review of Learned Materials:	CSUF: Reza Raeisi	Any
	Course/Lab Modules #1-#6	ODU: Steve Hsiung	Landline
			Internet
6/8/13, 8:30AM-10:00AM	Course Module #7: I/O	CSUF: Reza Raeisi	Any
	Controls with LCD Module	ODU: Steve Hsiung	Landline
	Parallel Communications and		Internet
	Table Lookup		
6/8/13, 10:00AM-11:30PM	Lab Module #7: I/O Controls	CSUF: Reza Raeisi	Any
	with LCD Module Parallel	ODU: Steve Hsiung	Landline
	Communications and Table	Subgroup:	Internet
	Lookup/Video Demos	ODU: Richard Jones, WSU:	
		Ece Yaprak, TCC: Tom Stout	
6/8/13, 11:30AM-12:00PM	Course Module #8: Matrix	CSUF: Reza Raeisi	Any
	Keypad Software Scanning,	ODU: Steve Hsiung	Landline
	Debouncing & Decoding		Internet
	Design		
6/8/13, 12:00PM-1:00PM	Lunch Break	CSUF: Reza Raeisi	
6/8/13, 1:00AM-1:30PM	Review of Learned Materials:	CSUF: Reza Raeisi	Any
	Course/Lab Modules #7	ODU: Steve Hsiung	Landline
			Internet
6/8/13, 1:30PM-2:30PM	Course Module #8:	CSUF: Reza Raeisi	Landline
	Continue	ODU: Steve Hsiung	Internet
6/8/13, 2:30PM-4:00PM	Lab Module #8: Matrix	CSUF: Reza Raeisi	Any
	Keypad Software Scanning,	ODU: Steve Hsiung	Landline
	Debouncing & Decoding	Subgroup:	Internet
	Design/Video Demos	ODU: Richard Jones, WSU:	
		Ece Yaprak, BRCC: Jim	
0/0/40 4 00014 4 00014		Eiland	
6/8/13, 4:00PM-4:30PM	Course/Lab Modules #9 &	CSUF: Reza Raeisi	Any
	#10: Stepper & DC Motors	ODU: Steve Hsiung	Landline
	Controls Introduction/Video		Internet
C/0/42 4.20DM E.00DM	Demos	COUR. Dave Besiel COUR	A
6/8/13, 4:30PM-5:00PM	Post-Test, Lab Project	CSUF: Reza Raeisi, ODU:	Any
	GroupDiscussions/Suggestio	Steve Hsiung, Richard Jones,	Landline
	ns/Survey, Future on-line	John Ritz, WSU: Ece Yaprak,	Internet
	Meetings: Course Curriculum	BRCC: Jim Eiland, TCC: Tom	
	Review, Stepper Motor	Stout, Richard Seriani	
	Module, DC Motor Module,		
	Wireless RF Module via		
	Moodle Server Forum and		
	Listserve		

