

LITEC Spring 2017

NOTES: Prelabs (pseudo-code, worksheets, pin-out), unlike homework, are due anytime before the end of class on the due day.
 *Labs not checked off before start of next part or new lab may be assessed late penalties. Notebooks due on check off day
 †Programming homework assignments must be submitted to BB LMS before due date. Make sure you plan ahead.

Monday	Tuesday	Wednesday	Thursday	Friday
Sections 1 & 2	Sections 3 & 4		Sections 1 & 2	Sections 3 & 4
16-Jan MARTIN LUTHER KING DAY - NO CLASSES	17-Jan Lecture 1-Course Overview & Number Sys Number Sys Worksheet 1 LMS section/seating	18-Jan All sections: s/w install-studio 12-2:00 & 4-8:00 Must complete HW #1	19-Jan Lecture 1-Course Overview & Number Sys Number Sys Worksheet 1 LMS section/seating	20-Jan Lecture 2-Variables & Logic Logic Worksheet 2 HW #1 Due
23-Jan Lecture 2-Variables & Logic Logic Worksheet 2 HW #1 Due	24-Jan Lecture 3-Digital H/W Hardware Worksheet 3 Start Lab 1-1 HW #2 Due (C-code corrections)	25-Jan	26-Jan Lecture 3-Digital H/W Hardware Worksheet 3 Start Lab 1-1 HW #2 Due (C-code corrections)	27-Jan Lecture 4-SFRs & Port I/O IO Worksheet 4 Lab 1-1 Prelab Due HW #3 Due
30-Jan Lecture 4-SFRs & Port I/O I/O Worksheet 4 Lab 1-1 Prelab Due HW #3 Due	31-Jan Lecture 5-no new matl Lab 1-1 Check Off* HW #4 Due (C-coding)† Quiz 1 - Bin # Logic	1-Feb	2-Feb Lecture 5-no new matl Lab 1-1 Check Off* HW #4 Due (C-coding)† Quiz 1 - Bin # Logic	3-Feb Lecture 6-Timers & Interrupts Timer Worksheet 5 Start Lab 1-2 & Prelab Due
6-Feb Lecture 6-Timers & Interrupts Timer Worksheet 5 Start Lab 1-2 & Prelab Due	7-Feb Lecture 7-Lab 2 Overview Lab 1-2 Check Off* HW #5 Due (C-coding)† Quiz 2 - Timers	8-Feb	9-Feb Lecture 7-Lab 2 Overview Lab 1-2 Check Off* HW #5 Due (C-coding)† Quiz 2 - Timers	10-Feb Lecture 8-Analog Conv. A/D Worksheet 6 Start Lab 2 Notebook Due - Lab 1
13-Feb Lecture 8-Analog Conv. A/D Worksheet 6 Start Lab 2 Notebook Due - Lab 1	14-Feb Lecture 9-Game Lab Lab 2 Prelab Due Start Game Report draft HW #6 Due (C-coding)†	15-Feb	16-Feb Lecture 9-Game Lab Lab 2 Prelab Due Start Game Report draft HW #6 Due (C-coding)†	17-Feb Lecture 10-no new matl Continue Lab 2
20-Feb PRESIDENTS DAY - NO CLASSES (No open shop Sun. or Mon.)	21-Feb Mon. sched-sec 1 & 2 Lecture 10-no new matl Continue Lab 2	22-Feb	23-Feb Lecture 11-no new matl Lab 2 Check Off* HW #7 Due (C-coding)† Quiz 3 - ADC	24-Feb Lecture 11-no new matl Lab 2 Check Off* HW #7 Due (C-coding)† Quiz 3 - ADC
27-Feb Lecture 12-PWM & Motor Control PWM Worksheet 7 Start Lab 3-1	28-Feb Lecture 12-PWM & Motor Control PWM Worksheet 7 Start Lab 3-1	1-Mar NOTE All Sections: Checkoff/Reports Notebook-Lab 2 all due on Fri 3rd by 5:00 PM HW #8 Due 11:59 PM	2-Mar Lecture 13-Crossbar & Interrupt (Configuration Wizard 2) Xbar Worksheet 8 Lab 3-1 Prelab Due See "All sections:" note for 3-Mar	3-Mar Lecture 13-Crossbar & Interrupt (Configuration Wizard 2) Xbar Worksheet 8 Lab 3-1 Prelab Due All Sections: Due by 5:00pm Lab 2 Report & Notebook HW #8 Due (survey) by 11:59pm
6-Mar Lecture 14-I2C: Serial Communication Bus Lab 3-1 Check Off* IN-CLASS EXAM 1	7-Mar Lecture 14-I2C: Serial Communication Bus Lab 3-1 Check Off* IN-CLASS EXAM 1 EXAM 1, 7-8:30 PM	8-Mar	9-Mar Lecture 15-no new matl Start Lab 3-2 & Prelab Due I2C Worksheet 9 HW #9 Due	10-Mar Lecture 15-no new matl Start Lab 3-2 & Prelab Due I2C Worksheet 9 HW #9 Due

Monday	Tuesday	Wednesday	Thursday	Friday
Sections 1 & 2	Sections 3 & 4		Sections 1 & 2	Sections 3 & 4
13-Mar	14-Mar	15-Mar	16-Mar	17-Mar
SPRING BREAK (No open shop Sun. before)	SPRING BREAK	SPRING BREAK	SPRING BREAK	SPRING BREAK (No open shop Sun. following)
20-Mar	21-Mar	22-Mar	23-Mar	24-Mar
Lecture 16-Basic Control Lab 3-2 Check Off* Start Lab 3-3 & Prelab Due Quiz 4 - PCA	Lecture 16-Basic Control Lab 3-2 Check Off* Start Lab 3-3 & Prelab Due Quiz 4 - PCA		Lecture 17-no new matl Lab 3-3 Check Off* HW #10 Due (C-coding)†	Lecture 17-no new matl Lab 3-3 Check Off* HW #10 Due (C-coding)†
27-Mar	28-Mar	29-Mar	30-Mar	31-Mar
Lecture 18-Lab 4 Overview Keypad LCD Worksheet 10 Start Lab 4 Notebook Due - Lab 3	Lecture 18-Lab 4 Overview Keypad LCD Worksheet 10 Start Lab 4 Notebook Due - Lab 3		Lecture 19-RF RS-232 Link Lab 4 Prelab Due Quiz 5 – 12C	Lecture 19-RF RS-232 Link Lab 4 Prelab Due Quiz 5 – 12C
3-Apr	4-Apr	5-Apr	6-Apr	7-Apr
Lecture 20-no new matl Continue Lab 4	Lecture 20-no new matl Continue Lab 4	GM WEEK – NO CLASSES (No open shop)	Lecture 21-Labs 5&6, Cntl, Gondola Issues Cntl & Typecast Worksheet 11 Lab 4 Check Off* Start Lab 5(side A)/6(side B)	Lecture 21-Labs 5&6, Cntl, Gondola Issues Cntl & Typecast Worksheet 11 Lab 4 Check Off* Start Lab 5(side A)/6(side B)
10-Apr	11-Apr	12-Apr	13-Apr	14-Apr
Lecture 22-no new matl (announce ALAC Exam 2 Review) Lab 5(side A)/6(side B) Prelab	Lecture 22-no new matl (announce ALAC Exam 2 Review) Lab 5(side A)/6(side B) Prelab		Cont. Lab 5(side A)/6(side B) See "All sections:" note for 14-Apr HW #11 Due	Cont. Lab 5(side A)/6(side B) All sections: Due by 5:00pm Lab 4 Report & Notebook HW #11 Due
17-Apr	18-Apr	19-Apr	20-Apr	21-Apr
Lab 5(side A)/6(side B) Check Off* Start Final Report draft IN-CLASS EXAM 2	Lab 5(side A)/6(side B) Check Off* Start Final Report draft IN-CLASS EXAM 2 EXAM 2, 7-8:30 PM		Start Lab 6(side A)/5(side B)	Start Lab 6(side A)/5(side B)
24-Apr	25-Apr	26-Apr	27-Apr	28-Apr
Lab 6(side A)/5(side B) Prelab	Lab 6(side A)/5(side B) Prelab		Cont. Lab 6(side A)/5(side B)	Cont. Lab 6(side A)/5(side B)
1-May	2-May	3-May	4-May	5-May
Lab 6(side A)/5(side B) Check Off* See "All sections:" note for 3-May	Lab 6(side A)/5(side B) Check Off* See "All sections:" note for 3-May	All sections: Notebook Due - Labs 5,6 LAB 6 & LAB 5 REPORTS Due by 5:00 PM HW #12 Due (survey) 11:59 PM	NO CLASSES	NO CLASSES (no LITEC final)

All Homeworks are individual assignments (assessments) that must be completed in class or open shop BEFORE the due date.

There will be **NO** extensions except for medical/dean's excuses.

The lowest homework score will be dropped.

(POLICIES, INCLUDING IMPORTANT ONES DEALING WITH LATE PENALTIES, CONTINUED ON NEXT PAGE)

LITEC STUDIO SCHEDULING & LATE POLICIES

LMS Quizzes and Exams will start promptly at the beginning of class. Late arrivals should NOT expect to be given extra time beyond the normal end time (nominally 30 minutes after the start of class).

All homework assignments (BB LMS assessments & programming) are due before the beginning of class.

Programming assignments must be submitted by copying text or file to BB LMS before the class on the posted due date.

Homeworks 1, 2, 4-7, & 10 are **individual** C-coding assignments. (But 10 may be done in pairs.)

Homeworks 3, 8, 9, 11 & 12 are **individual** assignments (assessments).

After a new lab is scheduled to begin (when Prelab is Due), teams must submit their pseudocode, all required worksheets, and a completed pin-out form for that lab to be graded as part of the prelab checkoff. It is the students' responsibility to give these to their grading TA. They will be returned, but TAs are not expected to correct subtle errors that would be uncovered during the normal debugging process.

Check-offs for Labs 1-1 & 1-2 may be a few days late but Lab 2 MUST be on time. Lab 2 reports are only accepted after being checked off for Lab 2 and there is a heavy late penalty for the reports.

The same applies to Labs 3, 4, 5, & 6. Reports are only accepted after being checked off for Labs 4, 5 & 6 and will be assessed a heavy late penalty if not submitted on time.

All conflicts for the 2 evening Exam times must be scheduled during the first 3 weeks of the semester. These rescheduled slots must be strictly adhered to.