

BLG458E – FUNCTIONAL PROGRAMMING

2016-2017 SPRING

	CRN: 22217
Instructor:	H. Turgut UYAR
Office Hours:	Mon 15:30-16:30 Thu 14:00-15:00
Assistant:	Çağatay KOÇ

Weekly Plan

Week	Date	Lecture	Exercise	Exam
1	10 Feb 2017	Introduction		
2	17 Feb 2017	Recursion		
3	24 Feb 2017	Pattern Matching		
4	3 Mar 2017	Lists	Weeks 2, 3, 4	
5	10 Mar 2017	Input/Output		Quiz
6	17 Mar 2017	Higher Order Functions		
7	24 Mar 2017	Higher Order List Functions		
	31 Mar 2017	SPRING BREAK		
8	7 Apr 2017	Function Closures	Weeks 6, 7, 8	
9	14 Apr 2017	Type System		
10	21 Apr 2017	Functional Data Structures		
11	28 Apr 2017	Lazy Evaluation		Assignment 1 Quiz
12	5 May 2017	Functors	Weeks 9, 10, 11	
13	12 May 2017	Monads		Assignment 2 Demo
14	19 May 2017	HOLIDAY		

Grading

- There is one quiz, two assignments, and a final exam.
- The quiz has 15% weight.
- The first assignment has 20% weight. It consists of a submitted programming assignment and an associated quiz.
- The second assignment has 25% weight. It consists of a submitted programming assignment and an associated demo session.
- The final exam has 40% weight.

- Students who don't meet the 70% attendance requirement (20/28 hours) fail with the grade VF and can not take the final exam. **All students must meet this requirement, including those who have taken this course before.**
- Students whose grade is less than 20/100 in any of the assignments, and students whose weighted assignment average is less than 30/100 fail with the grade VF and can not take the final exam.
- Students who don't fail with the grade VF but whose overall grade average is less than 40/100 fail with the grade FF.

Important Notes

- Follow the course announcements, your exam results and your attendance status on the Ninova system (<http://ninova.itu.edu.tr/>). Check the site regularly for updates.
- Course related e-mail notifications will be sent to your ITU account; check it regularly. When sending e-mail to the instructors or assistants, use your ITU account and always include your full name in your message.
- You are required to know everything that was announced in the classroom. There does not necessarily have to be any announcement on Ninova. If you have missed a class, ask your classmates if there were any announcements that you need to know about.
- Attendance will be checked on both hours and announced as “-”, “1”, or “2” on Ninova. On the classroom plan, write your name and student number into the box where you sit, and sign underneath.
- All homework in this course consists of individual assignments. In other words, collaboration on the assignments is not allowed. You are encouraged to help your classmates understand the material, but you should refrain from discussing any issues specific to the assignment. You should definitely not share any assignment documents for any reason with anybody.
- Any form of cheating or plagiarism will not be tolerated. This includes actions such as, but not limited to, submitting the work of others as one's own (even if in part and even with modifications) and copy/pasting from other resources (including Internet pages, even if attributed). Serious offenses will be reported to the faculty administration for disciplinary action. Carefully read the following document prepared by the Student Affairs Office: <http://www.odek.itu.edu.tr/?SayfaId=13>