

# ECE 101 – Introduction to Electrical & Computer Engineering SYLLABUS SPRING 2013

**Instructor: Shivon Boodhoo**

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**Appointments:** Contact Barbara Faltz

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**ECE 101 Course Description:** This freshman level course is designed to familiarize students with various disciplines, career opportunities and curricula in electrical and computer engineering. Invited speakers include faculty and industrial representatives.

**Textbook:** None required

**Class meets:** Every Tuesday 5pm – 6pm at Weston Lecture Hall 1

**Grading:** The course grade will be “S, Satisfactory” or “U, Unsatisfactory” based on attendance

**Freshman Design Contest:** HUM 102 collaboration: All students will work in teams of 5 with an upperclassman mentor to write a project proposal and create a prototype of a new engineering device or system - (2 hrs/wk out of class time required). This project and e-portfolio blog be graded as part of the HUM 102 final grade.

**Attendance is required** and missing class is grounds for failing the course. Lecture summaries are to be turned in at the end of each lecture.

THE NJIT HONOR CODE WILL BE STRICTLY ENFORCED – no one is allowed to sign in another person who is not present nor turn in their lecture summary.

## Spring 2013 Course Schedule

Date	Lecture	Speaker
1/22	Introduction to Electrical & Computer Engineering	<i>Dr. Tsybeskov</i>
1/29	Freshman Design Contest	<i>S. Boodhoo</i>
2/5	ECE Club and IEEE	<i>Jonathan Avila</i>
2/12	ASCO/Division of Emerson	<i>Don Blackman</i>
2/19	Senior Design Contest Winners	<i>Seniors</i>
2/26	Intellectual Property/Patents	<i>Thad Gabara</i>
3/5	LB Electric Company	<i>Leon Baptiste</i>
3/12	Agere Systems – Advanced Technology	<i>Phil Diodato</i>
3/19	<b>Spring break – no class</b>	<b><i>Spring break – no class</i></b>
3/26	Solid State Cooling Systems	<i>Kevin Carswell</i>
4/2	Personality Types and Learning Styles	<i>Shivon Boodhoo</i>
4/9	Agilent Technologies	<i>Doru Popescu</i>
4/16	Freshman Design Proposals	<i>Freshmen</i>
4/23	BAE Systems	<i>David Haessig</i>
4/30	ECE Faculty Speaker	<i>Faculty member</i>
5/7	Freshman Design Contest – Proposal & Prototype	<i>Freshmen</i>