



ECE 3115 - ASSIGNMENT 2

Due date: Thursday, 25 January 2018

- 1.(a)** With the aid of a diagram, describe the LTE VoIP based Single Radio Voice Call Continuity (SRVCC) architecture.
- (b)** What are the advantages of SRVCC or CSFB?

- 2.** The communication Authority of Kenya issued spectrum to several telecommunication operators in the country over the last three years. Discuss the various Voice Over LTE architectures that can be used by Safaricom and Jamii Communications with reference to national resource allocation information available at the authority's website, i.e www.ca.go.ke.

- 3. (a)** By using local examples, discuss the various billing methods used for LTE in Kenya.

- (b)** With the aid of a block diagram, discuss the architecture used to realize flex bundles in the Safaricom billing system.