THE UNIVERSITY OF THE WEST INDIES
ST AUGUSTINE CAMPUS

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

YEAR 1 BOOKLIST – 2012/2013

ECNG 1000 ELECTRICAL CIRCUITS

ECNG 1006 LABORATORY AND PROJECT DESIGN 1

ECNG 1007 ELECTRICAL ENGINEERING TECHNOLOGY

ECNG 1009 INTRODUCTION TO PROGRAMMING
  A  C Programming.  A Beginner’s Course. Noel Kallicharan
  A  C Programming. An Advanced Course. Noel Kallicharan
  B  1 laptop Computer/Netbook with wireless & Bluetooth capabilities (Highly recommended)
  B  Accelerated C++ Practical Programming by Example. Andrew Koenig & Barbara E. Moo.  Addison Wesley (latest edition)

ECNG 1010 COMMUNICATION SKILLS FOR ENGINEERS

ECNG 1011 ELECTRONICS

ECNG 1012 ENGINEERING APPLICATIONS

Required Instruments

- 1 large hard cover note book (8 ½ x 14)
- 1 geometry set containing a compass, divider, and protractor
- 1 “T” square – minimum blade length 75cm
- 2 sets of French curves
- Pencils: HB medium/ 2H medium hard or mechanical pencils (0.3/0.5mm leads)
- 1 metric ruler – minimum length of 30cm with 1mm divisions
- 1 safety hat (hard hat)
- 1 pair safety boots

Items Available from the Department of Electrical and Computer Engineering – Electrical Stores

- 1 lab coat
- 1 small (15cm long) long nose pliers
- 1 large (15cm long) flat blade screwdriver

ECNG 1013 INTRODUCTION TO THERMODYNAMICS

ECNG 1014 DIGITAL ELECTRONICS/ECNG 3016 ADVANCED DIGITAL ELECTRONICS

ECNG 1015 INTRODUCTION TO ELECTRICAL ENERGY SYSTEMS

ECNG 1016 MATHEMATICS FOR ELECTRICAL ENGINEERS I

N.B. Courses not listed (See Course Lecturer).

Category A – Essential Text
Category B – Highly Recommended
Category C – Recommended