THE COLLEGE OF THE BAHAMAS
Course Outline

Title: Sound Production
Abbreviation and Number: JRN100
AB Paper No.: 13-20
School: Communication and Creative Arts
Department: Journalism and Communication
Credits: 3
Course Sequence: (X) Fall ( ) Spring ( ) Fall and Spring

Hours Per Week:
- (2) Lecture
- ( ) Seminar
- (2) Laboratory
- ( ) Studio
- ( ) Kitchen
- ( ) Other (Specify)

Pre-requisite(s): Acceptance into BA Media Journalism programme or permission of Chair/Instructor
Co-requisite(s): None

COURSE DESCRIPTION: This course introduces students to sound production techniques and technologies. Students use microphones, mixers, speakers, music and sound effects to make digital audio productions with appropriate software.

SPECIFIC OBJECTIVES
Upon successful completion of this course, students will be able to
1) Use radio studio equipment;
2) Use audio editing software;
3) Design acoustical materials;
4) Design and manipulate blogging and podcasting techniques; and
5) Produce basic radio dramatizations.

COURSE CONTENT
I. Principles of Audio Production
   A. Frequency, pitch, amplitude, loudness, masking, velocity, acoustical phase, timbre and sound envelope
   B. Acoustics and psychoacoustics
   C. Direct, early, reverberant sound and matching acoustics
   D. Studio design, absorption, reflection, diffraction and diffusion

II. Equipment Characteristics and Performance
   A. Microphones
   B. Mixers
   C. Consoles

III. Analog and Digital Recording
   A. Audiotapes and open reels
   B. Digital audio and disk based audio systems
   C. PC and MAC audio formats

IV. Loudspeakers and Monitoring
   A. Systems
   B. Headphones

V. Sound Design
   A. Components and structure
   B. Functions of sound
C. Applications

VI. Production
A. Basic miking speech in radio
B. Radio dramatizations
C. Dialogue, sound effects and music
D. Software and editing techniques
E. Aesthetics and mixing for radio
F. Hands-on productions
G. Blogging and Podcasting techniques
H. Evaluation of final products

ASSESSMENT
Research documents and written reports........... 20%
Editing exercises........................................ 40%
Mid-semester examination............................ 20%
Digital audio portfolio.................................. 20%
TOTAL.........................................................100%

REQUIRED TEXT

SUPPLEMENTARY READINGS/MATERIALS

WEBSITES
www.audiopal.com  www.soundation.com
www.blogger.com  apex.vtc.com/audition.php
www.lakeland.cc.il.us/ctpd/tutorials/Audition/  www.tutorial-s.com/viewcat.php?id=3
www.mediacollege.com/audio/  www.vuvox.com
www.mypodcast.com/  www.wordpress.com
www.onetruemedia.com  www.zamzar.com
www.podbean.com/