

INTRODUCTION

James Cook University (JCU) School of Engineering & Physical Sciences developed a comprehensive RF and microwave electronic engineering course that is now available to qualified universities world-wide.

The course material contained on the following pages has been developed by JCU Associate Professor Keith Kikkert and is based upon AWR's Microwave Office® and Visual System Simulator™ (VSS) design software.

CHAPTERS/LECTURES

- Introduction
- Computer Simulation
- Transformers and Hybrids
- Transmission Line Transformers and Hybrids
- Mixers
- Local Oscillators
- RF Filters
- Amplifiers, Stability, Noise and Gain Circles

VERSION

Rev1 - March 2009



RF & Microwave
Electronics Design
Course - Final Year
Undergraduate and/or
Masters Students

