GRANDE PRAIRIE REGIONAL COLLEGE

DEPARTMENT OF COMPUTING, MATHEMATICS and STATISTICAL SCIENCES

Technology Tools for Teaching and Learning CS2020 3(1.5-0-3)

ROOM: Lecture: CS2020 A2 J 202 Tue 10:00 – 11:20

Lab: CS2020 L1 A305 Fri 14:30 – 17:20

CS2020 L4 A305 Thu 14:30 – 17:20

TRANSFER: UA, UC*, AU, AUC.

INSTRUCTOR: Dr. Reddy Ganta, J220, Ph. 539-2850, rganta@gprc.ab.ca

This course provides an overview of computing science concepts for students in the undergraduate Education program. We will explore a variety of computing topics and currently popular application tools.

The type of tools includes: Internet tools, digital media processing, multimedia/hypermedia presentation, spreadsheets, word processing and databases.

The lab portion of the course will provide students with hands on experience on several popular microcomputer software packages. Each student is expected to complete a variety of assignments.

Text Book: MS OFFICE/INTEGRATE TECH pkg ISBN: 0619299819

Pkg includes:

i) Teachers Discovering Computers, Integrating Technology in the Classroom 3rd
 Edition by Shelly, Cashman, Gunter and Gunter
 ISBN: 0619201800

 ii) Microsoft OFFICE XP enhanced edition
 ISBN: 0619200022

Marking: Assignments 30%
Quizzes 10%
Midterm test 25%
Final 35%