



**DEPARTMENT OF SCIENCE
COURSE OUTLINE – CS2910 WINTER 2014
INTRODUCTION TO FILE AND DATABASE MANAGEMENT**

INSTRUCTOR: Dr. George Ding **PHONE:** 780-539-2031
OFFICE: C407 **E-MAIL:** gding@gprc.ab.ca

OFFICE HOURS: Monday 16:00-17:30 and Thursday 11:30-13:00

PREREQUISITE: CS2010

REQUIRED TEXT/RESOURCE MATERIALS:

Fundamentals of Database Systems sixth edition by R. Elmasri and S.B. Navathe, Addison-Wesley. ISBN 0-13-608620-9.

CALENDAR DESCRIPTION:

The course includes basic concepts in computer data organization and information processing; hardware, physical organization, and access methods for fine storage; file I/O; introduction to database systems.

CREDIT/CONTACT HOURS: 3 credits/90 contact hours

DELIVERY MODE(S):

This course includes 3-hour lecture and 3-hour lab per week:

Lecture:	A3	G111	Mon	14:30 – 16:20
			Wed	14:30 – 16:20
Lab:	L1	J101	Tue	10:00 – 12:50

TRANSFERABILITY: UA*, UC, UL, AU, AF-UA*, CUC, GMU, KUC.

** Grade of D or D+ may not be acceptable for transfer to other post-secondary institutions. Students are cautioned that it is their responsibility to contact the receiving institutions to ensure transferability.

GRADING CRITERIA:

GRANDE PRAIRIE REGIONAL COLLEGE			
GRADING CONVERSION CHART			
Alpha Grade	4-point Equivalent	Percentage Guidelines	Designation
A⁺	4.0	90 – 100	EXCELLENT
A	4.0	85 – 89	
A⁻	3.7	80 – 84	FIRST CLASS STANDING
B⁺	3.3	77 – 79	
B	3.0	73 – 76	GOOD
B⁻	2.7	70 – 72	
C⁺	2.3	67 – 69	SATISFACTORY
C	2.0	63 – 66	
C⁻	1.7	60 – 62	
D⁺	1.3	55 – 59	MINIMAL PASS
D	1.0	50 – 54	
F	0.0	0 – 49	FAIL
WF	0.0	0	FAIL, withdrawal after the deadline

EVALUATIONS:

Assignments:	20%
Quizzes:	15%
Project:	10%
Midterm Exam:	25%
Final Exam:	30%

STUDENT RESPONSIBILITIES:

Students are responsible for all lecture material, labs and readings. If the midterm is missed due to illness the weight will be put on the final. If the final is missed due to illness it will be deferred. A doctor's note and a phone message or email will be required in both cases. Anybody who doesn't attend a lab automatically obtains a zero grade for the corresponding lab assignment.

STATEMENT ON PLAGIARISM AND CHEATING:

Please refer to <http://www.gprc.ab.ca/about/administration/policies> for details of GPRC's policy regarding plagiarism, cheating and the resultant penalties. These are serious issues and will be dealt with severely.

COURSE SCHEDULE/TENTATIVE TIMELINE:

Week 1	Introduction and Chapter 1
Week 2	Chapters 1-2
Week 3	Chapter 7
Week 4	Chapters 7-8
Week 5	Chapter 3
Week 6	Chapter 9
Week 7	Chapters 6
Week 8	Chapter 4
Week 9	Chapter 5
Week 10	Midterm and Chapter 13
Week 11	Chapters 13-14
Week 12	Chapters 14-15
Week 13	Chapters 15 & 21
Week 14	Chapters 22 & 17
Week 15	Chapter 18 and Review