



DEPARTMENT OF DEPARTMENT ARTS & EDUCATION

COURSE OUTLINE –Summer Session Aug. 9 – 13. 2010

EDCT 400; ORGANIZING for INSTRUCTION in CTS (Practical / Industrial Arts).

INSTRUCTOR: C. Hildebrandt **PHONE:** 780 532 6258 Instr.
Res.
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PREREQUISITE(S)/COREQUISITE:

Teaching Certificate; letter of authority; audit; attendance by permission of instructor.

REQUIRED TEXT/RESOURCE MATERIALS:

Managing the Occupational Education Laboratory. Second Ed. By: George Storm (Available in GPRC book store)

RECOMMENDED READING: -- Alberta Education's CTS program of studies;

- Occupational Health & Safety Act.
- From Industrial Arts to Technology Education. The Search for Direction. D.R.Herschback 1997
- Shop Class as Soul Craft. Mathew B. Crawford; Penguin Press, 2009

CALENDAR DESCRIPTION:

This course is a practical guide for teachers in a shop environment. Whether you have been teaching in a shop for many years or just starting out, whether you have trade skills and shop experience or very little training, this course will guide you into an organized productive method and satisfying experience in delivering your shop program to your students.

CREDIT/CONTACT HOURS:

3 credits, U of A transfer, 40 hours.

DELIVERY MODE(S):

The course work includes lectures, class discussions, group work, in-class exercises, written assignments, field trip (5 IA shop facilities) assessments, critiques and application to your own shop , hand tool maintenance

OBJECTIVES:

After completing this course the student will have acquired ideas, strategies and competencies which can be used immediately in his / her teaching assignment in the coming term.

TRANSFERABILITY:

**** 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

EXAMINATIONS:

This is a very intense course to be delivered over a one week timeline. This means that heavy focus will be placed on the assignments. These assignments will be evaluated by the instructor in a manner that is most effective at the time.

The final exam will include questions based on the compulsory reading as well as concepts and understandings gained from the practical assignments.

STUDENT RESPONSIBILITIES:

Structure and present your written work and sketches or drawings in a fashion similar to what you would use if presenting this material to your class of grade 9 or 10 students.

STATEMENT ON PLAGIARISM AND CHEATING:

Please refer to pages 49-50 of the College calendar regarding plagiarism, cheating and the resultant penalties. These are serious issues and will be dealt with severely.

COURSE SCHEDULE/TENTATIVE TIMELINE:

The introductory and first class will be held at the Grande Prairie Regional College with subsequent classes convening at the Grande Prairie Composite High School.

EDCT400 Organizing for Instruction in a Practical Arts / Lab (Week Schedule (August 9 -13, 2010)

Time	Monday	Tuesday	Wednesday	Thursday	Friday
8:00	Preliminaries	2} b. -Tools &	2} c. - Project design &	2) d. Program Budgeting	3). d. Student instruction
	1). Overview of PA ed.	equipment	management.	and Control.	
9:45	— a. brief history / image — b. IA. in other jurisdictions	-1. Tools & Equipment require Focus Assignment (a>2	—1 . <u>design</u> : - for safety	— 1 . Capital budgeting	— e student recognition
	— c. CTS in Alberta	Tools & Equip.	—2. for skill level —3. for content	—2. Supply management budgeting	---f. reporting
10:00	** Focus assignment	-2. T & E Safety,	— 4. ~ for latitude	— 3. budget control &	<i>Special presentation.</i>
11:45	Determination of Curricular offerings compatible with your shop & your comfort level, (develop clusters) / pathways for Sept. implementation).	Instruction, monitoring, tracking & hazard assessment -3. T&E usage.	— 5. ~ for storage — 6. ~ materials & cost.	reporting	Legal liability in the CTS / PA lab. (AT A) OHS— -CIS Manual Appendix 3:
12:30		- 4. Management &	~ continue discussion	3) Student Management	4) Teacher wellness.
	2). PA program Mgm't.	storage.			
2:15	— a. intro to Facility		Assignment # 3 Design	—a. Student safety;	Assignment #5.
	layout & design 2). a. - 1 . Layout for Safety – - 2. Layout for Supervision -3. Layout for Content	- 5. Maintenance	and develop a project that can be used in your shop.	- 1. Instruction, recording & tracking - -2. Injury treatment , reporting & recording	develop a personal wellness plan with strategies that can be applied daily, weekly, and monthly.
2:30	- 4. Layout for	2) b. Hands- on demo	Assignment research &	—b. Student behavior	Tutorial:

4:15	Maintenance / Cleaning. - 5. Layout for storage - 6. Layout for flexibility	- Assignment # 2. Five yr Equipment purchase,	work time.	management. —c. planning & motivating for achievement	Final exam
4:15	Assignment # 1. Critique,	replacement &	Tutorial. — individual	Assignment # 4.	
5:15	revise, design a lab / shop	maintenance plan.	assistance as needed	Develop a Student	
			^	Management plan.	©

Instructional time: 7 hr.+ tutorial 1 hr. = an 8 hr. day, x 5 = 40 class hours: [8 hr. inst. + 1 hr. 15 min. breaks = a 9 hr. 15 min. day]