

GRANDE PRAIRIE REGIONAL COLLEGE

DEPARTMENT OF HUMAN SERVICES

HS 1102 BEHAVIOURAL AND FUNCTIONAL ASSESSMENT

Fall 2004

September 7, 2004 to December 10, 2004

CLASS TIME:

LOCATION:

Section A2

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| Monday | 8:30 a.m. - 9:50 a.m. | H223 |
| Wednesday | 8:30 a.m. - 9:50 a.m. | |

Section R2

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| Tuesday | 10:00 a.m. - 11:20 a.m. | B302 |
| Thursday | 10:00 a.m. - 11:20 a.m. | |

CREDITS: 3 (45 hours)

INSTRUCTOR: Rita Stonell, BCR
 Office: H230
 Phone: (w) 539-2894
 (h) 538-3253
 Email: rstonell@gprc.ab.ca
 Office Hours: Monday & Wednesday 10:00 a.m. to 12:00 p.m.
 or by appointment or just drop by.

COURSE DESCRIPTION

This course introduces students to the field of Applied Behaviour Analysis. The wide variety of situations in which a behavioural approach can be useful is discussed. The course then provides students with knowledge and practice of basic assessment skills essential to a behavioural approach. Skills developed in HS 1102 will be applied in HS 1202 where students learn to take a behavioural approach to helping people develop skills and competencies that will enhance their quality of life.

CLASS FORMAT

Classes will consist of lectures, discussions, and practical exercises.

COURSE OBJECTIVES

Upon completion of the course, students will demonstrate written and/or practical competencies in the topic areas listed below.

1. Introduction to a Behavioural View of Learning
2. Purpose of Assessment
3. Observation and Documentation
4. Assessment Methods
 - a. Standardized and Criterion referenced tests
 - b. Checklists and Rating Scales
 - c. Interviews
 - d. Individualized Inventories
 - * task analysis
 - * ecological inventories
 - d. Naturalistic Observation
5. Behavioural Assessment
 - a. characteristics of behavioural assessment
 - b. incident reports
 - c. anecdotal reports
 - d. defining behaviour
 - e. behavioural measurement
 - * permanent product (outcome) recording
 - * event recording
 - * interval recording
 - * time sampling
 - * duration recording
 - * latency recording
 - f. summarizing data
 - * data conversion
 - * graphs
 - g. data reliability
 - h. baseline
6. Functional Assessment and Analysis (an introduction)
 - a. Purpose of functional assessment
 - b. Characteristics of functional assessment
7. Ecological Inventory
8. Behavioural Objectives

REQUIRED READING

Alberta, Paul A. and Troutman, Anne C. (2001), Applied Behaviour Analysis for Teachers, 6th ed., Columbus, Ohio: Charles Merrill Publishing Company

READING ASSIGNMENTS

Reading assignments are specified in the course schedules. Readings not found in the textbook will be on reserve in the Library or provided in class.

REFERENCE TEXTS

There are many texts written on Applied Behavioural Analysis. Many are available in the library and from the instructor. Sometimes it's helpful to look up a concept with which you are having difficulty in another book. Another author may explain it in a way which you find more helpful. Here is a list of just a few books you may find helpful.

Ballack, Alan S. and Hersen, Michael (1985) Dictionary of Behaviour Therapy Techniques, New York: Pergamon Press

Chandler, Lynette, K. and Dahlquist, Carol, M., (2002) Functional Assessment: Strategies To Prevent and Remediate Challenging Behavior in School Settings, Upper Saddle River, New Jersey: Prentice Hall

Cooper, John O., Heron, Timothy E., and Heward, William L. (1987) Applied Behavior Analysis, Upper Saddle River, New Jersey: Prentice Hall

Hinsburger, David (1996) "Behaviour Self": Using Behavioural Concepts to Understand and Work with People with Developmental Disabilities, Sherbrooke, Quebec: Diverse City Press Inc.

Martin, Gary, and Pear, Joseph. (2002) Behaviour Modification: what it is and How To Do It, 7th ed., Englewood Cliffs, New Jersey: Prentice Hall Inc.

Miller, Keith, L. (1997) Principles of Everyday Behaviour Analysis, 3rd ed., Scarborough, Ontario: Nelson Brooks/Cole

Pryor, K. (1999) Don't Shoot the Dog. 2nd ed., Toronto: Bantam

Spiegler, Michael D., and Guevremont, David C. (1993) Contemporary Behavior Therapy, 2nd Ed., Pacific Grove, California: Brooks/Cole Publishing Company

Thorpe, G.L. and Olson, S.L. (1997) Behavior therapy: concepts, Procedures, and Applications, 2nd ed. Toronto: Allyn and Bacon

STUDENT EVALUATION

I. Assignments – 75%

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|----|-------------------------------------|-----|
| 1. | Documentation | 5% |
| 2. | Incident Reports | 5% |
| 3. | Operational Definitions | 5% |
| 4. | Anecdotal Report and Analysis | 10% |
| 5. | Recording and Summarizing Behaviour | 15% |
| 6. | Ecological Inventory | 10% |
| 7. | Self-Management Assessment | 20% |

Note: Detailed assignment guidelines will be distributed in class.

II. Tests - 25%

There will be two (2) tests. One at mid term, of all the concepts covered in class to that point, and one at the end of the course covering concepts taken after the midterm.

The student's highest scoring test will be worth 20% of the final grade. The other test will be worth 15%.

There will not be a comprehensive final exam.

The Grande Prairie Regional College uses the ALPHA grading system. This system is described in the table below.

| Grade | Descriptor |
|---------------|----------------------|
| A+ A | Excellent |
| A- B+ | First Class Standing |
| B B- | Good |
| C+ C C- | Satisfactory |
| D+ D | Poor |
| F | Failure |

To obtain credit for this course students must achieve a grade of C-.

STUDENT SUPPORT

The Writing Centre is available to assist students with written assignments.

NQA (No Questions Asked) coupons will be distributed early in the semester. These coupons may be used for 1-5 days extension on assignments. Unused coupons may be redeemed at the end of the semester for a maximum bonus of 2% on the final grade.

If you are having difficulty understanding a particular concept or have any other concerns regarding the course please do not hesitate to discuss this as soon as possible with the instructor.

RIGHTS, RESPONSIBILITIES AND PROFESSIONALISM

Students are advised to familiarize themselves with their rights and responsibilities as outlined in the college calendar.

Assignment Requirements

1. Students are responsible to submit assignments on or before the date they are due. Late assignments (not accompanied with an NQA coupon – see *Student Support* above) will be penalized at a rate of 5% per day. For instance, an assignment given a grade of 75% would be awarded 70% one day past the deadline, 65% two days past the deadline, and so on.
2. Assignments must be received by 4:00 p.m. on the day on which they are due.
3. Unless stated otherwise, assignments must be typed, double spaced, and have at least one inch margins. They must be printed on only one side of the page. These requirements enable the instructor to provide students

with meaningful feedback.

A cover page must be attached to each assignment indicating

- course name, and number
- instructor's name
- assignment name
- due date and the actual date it is submitted if it is late
- your name

*You are advised to keep either a hard copy or an electronic copy of everything you submit.
It is also recommended that you back up you electronic copies as you are working on assignments.*

Tests

Any student not able to write a test on the date scheduled must speak with the instructor **BEFORE** the test and provide the reasons for not writing at that time, otherwise a grade of zero will be assigned. The instructor reserves the right to determine if the absence will be excused. Should it be agreed to excuse the absence, an alternate date will be set. If the student fails to write on the alternate date, a grade of zero will be assigned.

Attendance

Attendance is not compulsory, however, students are strongly advised to attend regularly. An attendance record will be kept and students will be held accountable for missed content and in-class announcements.

Late arrival

Late arrivals are disruptive to the class. If you must arrive late, take the first seat available closest to the door. Get information about material missed from your classmates at breaks or after class. Please avoid asking neighbours during class for information you missed. It disrupts that person's learning as they shift their attention from current class content to addressing your needs.

Learning environment

The classroom learning environment is created by joint effort between students and the instructor. If we work together we can make our classes enjoyable and productive. Stay on topic. Avoid personal and private conversations. Ask for clarification whenever you need it. Often you'll find that many of your classmates need the same clarification. Your questions will enhance your learning and the learning of others. Participate in small group and large group class discussions and ensure others get equal opportunity to participate as well.

**HS1102 - A2 BEHAVIOURAL AND FUNCTIONAL ASSESSMENT
TENTATIVE CLASS SCHEDULE – FALL 2004**

| DATE | TOPIC | READING | ASSIGNMENTS & DUE DATES |
|-------------|---|--|---|
| W Sept. 8 | Course Overview | | |
| | Behavioural Approach | | |
| M Sept 13 | Behavioural Approach | Text: chapter 1 & 2 | |
| | Assessment Methods | | |
| W Sept 15 | Assessment Methods | | |
| M Sept 20 | Documentation | Documentation Handout | |
| W Sept 22 | Documentation & Incident reports | Documentation Handout | Documentation Assignment Due |
| M Sept 27 | Behavioural Assessment - Characteristics of Behavioural Assessments - Describing Behaviour | | Incident Report Assignment Due <i>Have decision made on a personal behavior you wish to assess for purposes of the Self Management Assignment</i> |
| W Sept 29 | - Describing Behavior: Operational Definitions | | Operational Definitions Assignment Due |
| M Oct 4 | - Choosing a recording Method: overview of methods - Anecdotal Reporting | Text: Ch 4 Pg.93 - 100 Pg. 100-103 | |
| W Oct 6 | - Anecdotal reporting and analysis | Text: Ch. 4 Pg. 100-103 | Anecdotal Report and Analysis Assignment due |
| M Oct 11 | Thanksgiving | | |
| W Oct 13 | - Recording Methods: Permanent Product & Event | Text: Ch 4 Pg. 103-117 | |
| M Oct 18 | - Recording Methods: Interval and Time Sampling | Text: Ch. 4 Pg. 117-128 | |
| W Oct 20 | - Recording Methods: Duration and Latency | Text: Ch 4 Pg. 128-130 | <i>Choose recording method you will use to assess behaviour for you Self Management Assignment.</i> |

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| M Oct 25 | - Review of recording methods - operational definitions for recording methods - Reliability of data | Text: Ch. 4 Pg. 132-134 | Recording Methods Assignment Due <i>Re: Self Management assignment - Ensure your operational definition of the behavior matches the recording method you will be using.</i> |
| W Oct 27 | MID TERM EXAM | | MID TERM EXAM |
| M Nov 1 | Review Mid Term - Self Management Assignment – group discussion - Baseline | | The following parts of the Self Management Assignment are due in preparation for class discussion: operational definition of behaviour being assessed; rationale for why you want to assess it; and a minimum of three days data. |
| W Nov 3 | Baseline: Summarizing and Graphing Data | Text Ch 4, <u>Ch 5</u> , Ch 6 Ch 5 – Pg 141-162 | |
| M Nov 8 | Summarizing and Graphing Data | Text: Ch 5 Pg 141-162 | |
| M Nov 10 | Ecological Inventory | Handout - TBA | |
| M Nov 15 | Ecological Inventory | | |
| W Nov 17 | Functional Assessment | Text: Ch 10 Pg. 369- 397 | Ecological Inventory Assignment Due |
| M Nov 22 | Functional Assessment | | <i>Re: Self Management Assignment – Data collection should be completed, summarized, graphed and analyzed with recommendations based on data.</i> |
| W Nov 24 | Behavioural Objectives | Text: Ch 3 Pg 59-91 | |
| M Nov 29 | Behavioural Objectives | Text: Ch 3 Pg. 59-91 | <i>Re Self Management Assignment – Behavioural Objective written for behavior change</i> |
| W Dec 1 | Self Management Assignment – Group discussion | | Self Management Assignment Due |
| M Dec 6 | Putting it all together | | |
| W Dec 8 | Exam | | |
| W Dec 8 | Review Exam, feedback on course | | |

HS1102 – R2 BEHAVIOURAL AND FUNCTIONAL ASSESSMENT
TENTATIVE CLASS SCHEDULE – FALL 2004

| DATE | TOPIC | READING | ASSIGNMENTS & DUE DATES |
|-------------|---|--|---|
| T Sept. 7 | Course Overview Behavioural Approach | | |
| TH Sept 9 | Behavioural Approach Assessment Methods | Text: chapter 1 & 2 | |
| T Sept 14 | Assessment Methods | | |
| TH Sept 16 | Documentation | Documentation Handout | |
| T Sept 21 | Documentation & Incident reports | Documentation Handout | Documentation Assignment Due Incident Report Assignment Due |
| TH Sept 23 | Behavioural Assessment - Characteristics of Behavioural Assessments - Describing Behaviour | | <i>Have decision made on a personal behavior you wish to assess for purposes of the Self Management Assignment</i> |
| T Sept 28 | - Describing Behavior: Operational Definitions | | Operational Definitions Assignment Due |
| TH Sept 30 | - Choosing a recording Method: overview of methods - Anecdotal Reporting | Text: Ch 4 Pg.93 - 100 Pg. 100-103 | |
| T Oct 5 | - Anecdotal reporting and analysis | Text: Ch. 4 Pg. 100-103 | Anecdotal Report and Analysis Assignment due |
| TH Oct 7 | - Recording Methods: Permanent Product & Event | Text: Ch 4 Pg. 103-117 | |
| T Oct 12 | - Recording Methods: Interval and Time Sampling | Text: Ch. 4 Pg. 117-128 | |
| TH Oct 14 | - Recording Methods: Duration and Latency | Text: Ch 4 Pg. 128-130 | <i>Choose recording method you will use to assess behaviour for you Self Management Assignment.</i> |

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| T Oct 19 | - Review of recording methods - operational definitions for recording methods - Reliability of data | Text: Ch. 4 Pg. 132-134 | Recording Methods Assignment Due <i>Re: Self Management assignment - Ensure your operational definition of the behavior matches the recording method you will be using.</i> |
| TH Oct 21 | MID TERM EXAM | | MID TERM EXAM |
| T Oct 26 | Review Mid Term - Self Management Assignment – group discussion - Baseline | | The following parts of the Self Management Assignment are due (in preparation for class discussion): operational definition of behaviour being assessed; rationale for why you want to assess it; and a minimum of three days data. |
| TH Oct 28 | Baseline: Summarizing and Graphing Data | Text Ch 4, <u>Ch 5</u> , Ch 6 Ch 5 – Pg 141-162 | |
| T Nov 2 | Summarizing and Graphing Data | Text: Ch 5 Pg 141-162 | |
| TH Nov 4 | Ecological Inventory | Handout – TBA | |
| T Nov 9 | Ecological Inventory | | |
| TH Nov 11 | Remembrance Day | | |
| T Nov 16 | Functional Assessment | Text: Ch 10 Pg. 369- 397 | Ecological Inventory Assignment Due |
| TH Nov 18 | Functional Assessment | | <i>Re: Self Management Assignment – Data collection should be completed, summarized, graphed and analyzed with recommendations based on data.</i> |
| T Nov 23 | Behavioural Objectives | Text: Ch 3 Pg 59-91 | |
| TH Nov 25 | Behavioural Objectives | Text: Ch 3 Pg. 59-91 | <i>Re: Self Management Assignment – Behavioural Objective written for behavior change</i> |
| T Nov 30 | Self Management Assignment – Group discussion | | Self Management Assignment Due |
| TH Dec 2 | Putting it all together | | |
| T Dec 7 | EXAM | | EXAM |
| TH Dec 9 | Review Exam, feedback on course | | |