# BASV 316 Book Outline

1. Introduction
   1. Paradigms (bhatt p26)
   2. Ontology/Epistemology (Saylor 1.1)(bhatt p27)
   3. Natural Science/Social Science (Saylor 1.2)(bhatt p10)
2. Theories
   1. Paradigms (Saylor 2.2)
   2. Theory (Saylor 2.2)(bhatt p11)(bhatt p34)
   3. Model (bhatt p23)
   4. Concepts, Constructs, Variables (bhatt p19)
   5. Inductive vs. Deductive (Saylor 2.3)(bhatt p12)
   6. Scientific Method (bhatt p14)
   7. Types of Research (bhatt p15)
3. Ethics (Saylor 3)(bhatt p 146)
4. Research Design
   1. Define goals (Saylor 5.1)
   2. Qualitative vs Quantitative (Saylor 5.2)
   3. Causality (Saylor 5.2)
   4. Hypothesis (Saylor 5.2)(bhatt p22)
   5. Triangulation (Saylor 5.3)
   6. Components of Research Project (Saylor 5.4)
   7. Mistakes in Research (bhatt p32)
   8. Types of Designs (bhatt p 47)
5. Defining and Measuring Concepts
   1. Measurement (Saylor 6.1)
   2. Conceptualization (Saylor 6.2)(bhatt p 52)
   3. Operationalization (Saylor 6.3)(bhatt p31)(bhatt p 53)
   4. Quality (Saylor 6.4)
   5. Reliability (Saylor 6.4)(bhatt p 64)
   6. Validity (Saylor 6.4)(bhatt p44)(bhatt p 67)
   7. Levels of Measurement – Types of Variables (bhatt p 54)
6. Sampling
   1. Populations vs. Samples (Saylor 7.1)(bhatt p74)
   2. Types of Samples (bhatt p76)
   3. Qualitative Sampling (Saylor 7.2)
   4. Quantitative Sampling (Saylor 7.3)
   5. Standard Error (bhatt p81)
7. Surveys
   1. Define (Saylor 8.1)(bhatt p82)
   2. Types of Surveys (Saylor 8.2)
   3. Effective Questions (Saylor 8.4)(bhatt p84)
   4. Analysis of Survey Data (Saylor 8.5)
8. Interviews
   1. Define (Saylor 9.1)(bhatt p87)
   2. Qualitative Interviews (Saylor 9.2)
   3. Quantitative Interviews (Saylor 9.3)
   4. Issues with Interviews (Saylor 9.4)(bhatt p89)
9. Field Research
   1. Define (Saylor 10.1)
   2. Getting In (Saylor 10.3)
   3. Field Notes (Saylor 10.4)
   4. Analysis (Saylor 10.5)
10. Unobtrusive Research
    1. Define (Saylor 11.1)(bhatt p 102 – Case Studies)
    2. Data Collection and Analysis (Saylor 11.3)(bhatt p 112?)
    3. Analyzing Other Researcher's Data (Saylor 11.4)
    4. Reliability (Saylor 11.5)
11. Other Methods
    1. Focus Groups (Saylor 12.1)
    2. Experiments (Saylor 12.2)(bhatt p 92)
    3. Ethnomethodology (Saylor 12.3)
12. Sharing Your Work
    1. Deciding What to Share (Saylor 13.1)
    2. Presenting Research (Saylor 13.2)
    3. Writing Up Research (Saylor 13.3)
    4. Disseminating Findings (Saylor 13.4)
13. Qualitative Analysis (bhatt p 122)
    1. Grounded Theory
    2. Coding
    3. Content Analysis
14. Quantitative Analysis – Descriptive (bhatt p 128)
    1. Data Coding
    2. Univariate Analysis
    3. Bivariate Analysis
15. Quantitative Analysis – Inferential (bhatt p 138)
    1. Significance
    2. General Linear Model
    3. ANOVA
    4. Student's T-Test
16. Reading Research
    1. Reading Reports (Saylor 14.1)
    2. Media Reports (Saylor 14.3)
17. Research in the Real World
    1. Doing Research for a Living (Saylor 15.1)
    2. Doing Research for a Cause (Saylor 15.2)
18. Beginning a Project (Not Done)
    1. Choose Topic (Saylor 4.1)
    2. Is it empirical (Saylor 4.2)
    3. Is it sociological (Saylor 4.3)
    4. Is it a question (Saylor 4.4)
    5. Steps (Saylor 4.5)(bhatt p 29)
    6. Units of Analysis (bhatt p18)