

## Futures Research Schedule

Fall 2016

A Hines

This schedule is a plan, but it may change. The actual topics and work requirements for each is posted in the Overview document for that week. Be sure to consult the weekly overview pages on Canvas for additional readings and activities.

<b>Class Date</b>	<b>Topics</b>	<b>Reading</b> <i>(review before this week's class)</i>	<b>Submissions</b> <i>(due evening before the next class)</i>
<b>WEEK 1</b> <b>Aug 24</b> Introduction & Framing	1. Introduction and methods overview 2. Framing 3. Org Futurist Audit	1. Text, Ch. 1 Framing 2. Hines & Bishop, Framework Foresight 3. Hines, Organizational Foresight Audit	(D) Your Canvas Profile (D) Assessing org culture (A) Domain description
<b>WEEK 2</b> <b>Aug 31</b> Research & Scanning	1. Current Assessment 2. Stakeholder Analysis 3. Era Analysis 4. Scanning	Text, Ch.2. Scanning [scan] AndSpace Weak Signals Report, IRI2039 [scan] Delaney, practical guide... Schultz, Cultural contradictions.. Shoemaker, Scanning the Periphery, Hiltunen, Good Sources of Weak Signals Molitor, Model for Forecasting Public Policy Change	(D) Scanning Tips (A) Current Assessment (A) Scan Hit #1
<b>WEEK 3</b> <b>Sept 7</b> Primary research	1. Interviews 2. Questionnaires (TATF) 3. Delphi Exercise 4. Review MTV qual & quant report	Klein, Overcoming 'Net Disease' Dvorsky, The 12 Cognitive Biases That Prevent You From Being Rational Raford, Online Foresight Platforms, Also, some resources for assignments on Weekly page	(D) Delphi (A) Interview <b>OR</b> Questionnaire (submit for Week 9) (A) Scan Hit #2
<b>WEEK 4</b> <b>Sept 14</b> Secondary Research	Secondary Research tips	Popper, How Foresight Methods Are Selected Daheim, Emerging Practices in Foresight & Their Use in STI Policy Finding Articles Finding Information on the Internet: A Tutorial Google Trends	(D) Foresight journals (A) Baseline Inputs (A) Scan Hit #3
<b>WEEK 5</b> <b>Sept 21</b> Baseline Future	Forecasting Theory Do a forecast evaluation Clustering & Cross-Impact Analysis	Text Ch. 3 Forecasting Arup Drivers of Change Schultz, Hero's Journey Cross-Impact Analysis	(D) Cross-impact analysis (A) Baseline summary & narrative (A) Scan Hit 4

<b>WEEK 6</b> <b>Sept 28</b> Alternative Futures Scenario Theory & Images	Scenario Development Presentation “That Thing from the Future”	Wack, Scenarios Schwartz videos Courtney, 4 levels of uncertainty Distributed readings	(D) Single vs. Alternative Futures (D) Images (A) Alternative futures inputs (A) Scan Hit #5
<b>WEEK 7</b> <b>Oct 5</b> Scenario Methods	Scenario Methods: GBN, Archetypes, and Morphological	Bishop, Scenarios State of the Art Schultz, Roads Less Travelled Dator, Alternative Futures Prediction Markets Simulations and Gaming	(D) Prediction Markets: Long Bet (D) Simulations: 2050 Climate Change Game (A) Alternative Future Summary & Narrative
<b>WEEK 8</b> <b>Oct 12</b> Scenario Cases Baseline Analysis	Bishop/ Hines review of approaches Discuss alternative techniques and cases	Amer, Review of scenario planning Case study readings	(D) Scenario cases (D) Baseline Analysis (A) Scenario Book Review
<b>WEEK 9</b> <b>Oct 19</b> Scenario Book Presentations	Class members present book synopsis & discuss	Your chosen scenario book	(A) Interview or questionnaire from Week 3 is due
<b>WEEK 10</b> <b>Oct 26</b> Implications Analysis (Futures Wheels)	Future Search Drawing out the implications of scenarios using futures wheels	Text Ch. 4 Visioning GBN, After the Scenarios, Then What? Ramirez, Linking Strategies to Innovation	(A) Implications Analysis
<b>WEEK 11</b> <b>Nov 2</b> Options & Design Thinking	Invited Lee Shupp on Design Futures Identify strategic issues or opportunities Design thinking cycle	Text Ch. 5 Planning Real options Raford, From Design Thinking to Experiential Futures Brian David Johnson, Science Fiction Prototyping Brown, “Design Thinking”	(D) Design Reflection (A) Options
<b>WEEK 12</b> <b>Nov 9</b> Communicating the Future	Invited Noah Raford on Futurescaper Communicating the Future	Text, Ch. 6 Acting Tibbs, Making the Future Visible	(D) Preferred format (D) The good, the bad, and the ugly (A) Framework poster
<b>WEEK 13</b> <b>Nov 16</b> Framework Posters	Individuals present framework posters	None	Enjoy the break!
<b>Nov 23</b>	<b>Thanksgiving Break</b>		
<b>Week 14</b> <b>Nov 30</b> Review	Review and “contextualize” all the methods and concepts covered in the course		
<b>Wed Dec 14</b>	Final deadline for all submissions		

