

**World Futures  
Schedule Spring 2019**

Please note that the schedule and requirements sometimes change as the semester progresses. The “official” requirements are on the intro page each week on Canvas. The first column contains the date for class each week. The second column contains the substantive topic for the week. The first week is devoted to orientation to the class; the second week to the futures tools that will form the backbone for most of the activities and assignments. From the third to the twelfth week, the class will review the future of one of the STEEP+ categories. In week 13 we’ll do a class on wildcards and for weeks 14 and 15 we do class presentations. The text-based readings for those topics are listed in the third column. Other required or recommended readings will be included on the website as we go along. The week officially begins the day of class, but the readings should be read before class. The fourth column contains what will be submitted each. Since the week begins with the class on the date in the first column, the submissions are due at midnight of the day before the next class. (D) is a discussion posting, and (A) is an assignment posting.

<b>Week and Date</b>	<b>Topic</b>	<b>Reading</b> <i>(review before this week’s class)</i>	<b>Submission</b> <i>(due evening before the next class)</i>
<b>Week 1</b> <b>Jan 17</b>	Introduction, orientation		(D) Getting to Know Each Other (D) World of 2030 (D) Domain Topic Choice
<b>Week 2</b> <b>Jan 24</b>	Framework Project Scanning Review Archetype Technique	Framework Foresight: Exploring Futures the Houston Way	(A) Domain Description (A) Diigo Scanning Library (due Mar 6 <sup>th</sup> )
<b>Week 3</b> <b>Jan 31</b>	Demography The Immortality Game	The Population Connection (video) Kimball, Human Population Growth Population Pyramids Assigned readings	(D) Population graphics (D) Assigned reading (A) Current Assessment
<b>Week 4</b> <b>Feb 7</b>	Environment & Resources	Coates - ch 5, 7, 13 Steffen, The Last Decade Meadows, et. al., Synopsis: Limits to Growth Coates There's much to celebrate Assigned readings	(D) Energy Quiz (D) Environment in State of Emergency? (D) Assigned reading (A) Futures Inputs
<b>Week 5</b> <b>Feb 14</b>	Technology – information Arup Drivers of Change	Coates - ch 3 Vinge, on the Singularity Joy, Why the Future Doesn’t Need Us Additional readings on intro page	(D) W5 Information Technology Pin Board (A) Assigned reading (A) Drivers
<b>Week 6</b> <b>Feb 21</b>	Technology – biotechnology, nanotechnology	Coates - ch 4, 6 The Arup Technology Timeline Assigned readings	(D) Stages of Tech Development (D) Assigned reading (A) Uncertainties

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<b>Week 7</b> <b>Feb 28</b>	Economics & globalization GBN 2x2 Approach	Coates - ch 16 Scan Hans Roslings Ted Talks Perez, Technological revolutions Assigned readings	(D) Is Capitalism Up to the Task? (D) Assigned reading (A) 2x2 GBN Scenario (due Mar 21) NOTE: Diigo Library due next week
<b>Week 8</b> <b>Mar 7</b>	Geopolitics Game: Governance for the Future: An Inventor's Toolkit	Coates – ch 8 Where do our tax dollars go? Assigned readings	(D) Political issues (D) Assigned reading
<b>Mar 14</b>	<b>Spring Break</b>		
<b>Week 10</b> <b>Mar 21</b>	Education & Work	Coates – ch 16 (work) KnowledgeWorks' Forecast 4.0 – The Future of Learning: Education in the Era of Partners in Code KnowledgeWorks' The Future of Learning: Redefining Readiness from the Inside Out	(D) Education Adapting to Use of Technology in Work (A) 3 <sup>rd</sup> Order Impacts
<b>Week 11</b> <b>Mar 28</b>	Values	Coates - ch 15 Hines interview on ConsumerShift Assigned readings	(D) New Dimensions Values Assessment (D) Assigned reading (A) Client Pitch (due April 10)
<b>Week 12</b> <b>Apr 4</b>	Space	Coates – ch 9 From NASA	
<b>Week 13</b> <b>Apr 11</b>	Wildcards World Game	Markley, A New Methodology for Anticipating STEEP Surprises Hiltunen, Was it a Wildcard or Just our Blindness to Gradual Change Barber, Wildcards - Signals from a Future Near You Petersen, List of Wildcards Halal & Marien, Global Megacrisis	(D) Wildcard Ranking (A) Book presentation
<b>Week 14</b> <b>Apr 18</b>	Book presentations	Hines, A Checklist for Evaluating Forecasts	(A) Archetype presentation
<b>Week 15</b> <b>Apr 25</b>	Group Archetype Presentations	State of the Future Executive Summary	
<b>May 6</b>	Final deadline for all work		