

WP	Title	Material
	Introduction and Basics	<ul style="list-style-type: none"> • Arthur, W.B. 2007. The structure of invention. <i>Research Policy</i> 36(2) 274-287. • Di Stefano G., Gambardella A., Verona G. “Technology push and demand pull perspectives in innovation studies: Current findings and future research directions” in <i>Research Policy</i> 41: 1283-1295.
	Technology and Innovation in Firms	<ul style="list-style-type: none"> • Henderson, R.M., K.B. Clark. 1990. Architectural innovation: the reconfiguration of existing product technologies and the failure of established firms. <i>Administrative science quarterly</i> 35(1). • Tushman, M.L., P. Anderson. 1986. Technological discontinuities and organizational environments. <i>Administrative science quarterly</i> 439-465.
	Dynamics of Technology and Innovation I	<ul style="list-style-type: none"> • Anderson, P., M.L. Tushman. 1990. Technological discontinuities and dominant designs: A cyclical model of technological change. <i>Administrative Science Quarterly</i> 604-633. • Murmann, J.P., K. Frenken. 2006. Toward a systematic framework for research on dominant designs, technological innovations, and industrial change. <i>Research Policy</i> 35(7) 925-952. • The Evolution of the bicycle: https://www.youtube.com/watch?v=tOMIIO0_fEQ • The reemergence of technology: https://qz.com/1135474/how-independent-bookstores-thrived-in-spite-of-amazon/
	Dynamics of Technology and Innovation II	<ul style="list-style-type: none"> • Dosi, G. 1982. Technological paradigms and technological trajectories: A suggested interpretation of the determinants and directions of technical change. <i>Research Policy</i> 11(3) 147-162. • Bower, J.L., C.M. Christensen. 1995. Disruptive technologies: catching the wave. <i>Harvard Business Review</i>. • Clayton Christensen on Disruptive Innovation: https://www.youtube.com/watch?v=rpkoCZ4vBSI
	User Driven Innovation	<ul style="list-style-type: none"> • Bogers, M., A. Afuah, B. Bastian. 2010. Users as innovators: A review, critique, and future research directions. <i>Journal of Management</i> 36(4) 857-875 • Schweisfurth, T.G. 2017. Comparing embedded lead users and external users as sources of innovation. <i>Research Policy</i> 46(1) 238-248. • Eric von Hippel on User Innovation: https://www.youtube.com/watch?v=cKcAcm5NDOI
	Technology Driven Innovation	<ul style="list-style-type: none"> • Andriani, P., A. Ali, M. Mastrogiorgio. 2017. Measuring Exaptation and Its Impact on Innovation, Search, and Problem Solving. <i>Organization Science</i> 28(2) 320–338. • Gruber, M., I.C. MacMillan, J.D. Thompson. 2008. Look before you leap: Market opportunity identification in emerging technology firms. <i>Management Science</i> 54(9) 1652-1665. • Danneels, E. 2007. The process of technological competence leveraging. <i>Strategic Management Journal</i> 28(5) 511-534.

	Protecting Technology and Innovation	<ul style="list-style-type: none"> • Scotchmer, Suzanne. 2004. Innovation and Incentives, MIT Press. (Ch. 3) • James, S.D., M.J. Leiblein, S. Lu. 2013. How Firms Capture Value From Their Innovations. <i>Journal of Management</i> 39(5) 1123-1155. • Intro to the Patent System: http://www.youtube.com/watch?v=vZ1SBP8ul1s
	Technology Tools	<ul style="list-style-type: none"> • Jiang, R., R. Kleer, F.T.J.T.F. Piller, S. Change. 2017. Predicting the future of additive manufacturing: A Delphi study on economic and societal implications of 3D printing for 2030 117 84-97. • Phaal, R., C.J.P. Farrukh, D.R. Probert. 2004. Technology roadmapping—A planning framework for evolution and revolution. <i>Technological Forecasting and Social Change</i> 71(1) 5-26. • Technology Mgmt Tool Catalogues: https://www.ifm.eng.cam.ac.uk/research/ctm/ctmtools/
	Technology Collaboration and Open Innovation	<ul style="list-style-type: none"> • Cohen, W.M., D.A. Levinthal. 1990. Absorptive capacity: a new perspective on learning and innovation. <i>Administrative Science Quarterly</i> 35(1) 128-152. • West, J., M. Bogers. 2014. Leveraging External Sources of Innovation: A Review of Research on Open Innovation. <i>Journal of Product Innovation Management</i> 31(4) 814–831. • Early ways of crowdsourcing: https://www.youtube.com/watch?v=NOHu_o_SvZg
	Digital Innovation I	<ul style="list-style-type: none"> • Yoo, Y., R.J. Boland Jr, K. Lyytinen, A. Majchrzak. 2012. Organizing for innovation in the digitized world. <i>Organization Science</i> 23(5) 1398-1408. • Nambisan, S., K. Lyytinen, A. Majchrzak, M. Song. 2017. Digital Innovation Management: Reinventing innovation management research in a digital world. <i>Mis Quarterly</i> 41(1). • Selective Benefits: https://www.youtube.com/watch?v=axN0xdhzhY&t=1s
	Digital Innovation II	<ul style="list-style-type: none"> • Teece, D.J. 1986. Profiting from technological innovation: Implications for integration, collaboration, licensing and public policy. <i>Research Policy</i> 15(6) 285-305. • Jacobides, M.G., C. Cennamo, A. Gawer. 2018. Towards a theory of ecosystems 39(8) 2255-2276. • Michael Jacobides on Ecosystems: https://www.youtube.com/watch?v=hxQHSyk5oyc&t=1s