Rough plan for Econ 5110, Fall 2014

A. **Basics, methods:**

    1. *Discrete-time growth:*

    – Solow, Ramsey, OLG, Endogenous growth.
    Econ 5750 notes Part I, from "Basics: terminology etc." to Eq. (52).

    – Aggregation. Notes on course web site.

    2. *Continuous-time growth:*

    – Pontryagin's maximum principle, Ramsey. Notes on course web site.

B. **Topics:**

    1. *Malthusian population models*: Ashraf and Galor (2011)

    2. *Evidence on Malthusian patterns*: Ashraf and Galor (2011), Nunn and Qian (2011)

    3. *Long-run growth*: See Econ 5750 notes Part III and IV.

    – Without transitions to modern growth: Kremer (1993), Brander and Taylor (1998), Lucas (2002).

    – With transitions to modern growth: Galor and Weil (2000), Hansen and Prescott (2002), Lagerlöf (2006).

    4. *Gender equality and growth*: Galor and Weil (1996), Fernández (2014). Econ 5750 notes Part II and notes on course web site.

  Updated on 6 Nov., 2014: we will skip:

•   5. *Institutions*: Acemoglu and Robinson (2000), Mulligan and Tsui (2008).

Instead, we will add Lucas (1988) (see below), which we will do in class on 25 Nov., 2014, and which will be on the material for the third midterm. See slides on web site. It's a classic paper and useful to practice Hamiltonians.

References

[1] Acemoglu, D. and J.A. Robinson., 2000, Why did the west extend the franchise? Democracy, inequality, and growth in historical perspective, Quarterly Journal of Economics 115, 1167-1199.

[2] Ashraf, Q., and O. Galor, 2011, Dynamics and stagnation in the Malthusian epoch, American Economic Review 101, 2003-2041.

[3] Brander, J.A., and M.S. Taylor, 1998, The simple economics of Easter Island: A Ricardo-Malthus model of renewable resource use, American Economic Review 88, 119-138.

[4] Fernández, R., 2014, Women's rights and development, Journal of Economic Growth 19, 37-80.

[5] Galor, O., and D.N. Weil, 1996, The gender gap, fertility, and growth, American Economic Review 86, 374-387.

[6] Galor, O., and D.N. Weil, 2000, Population, technology, and growth: From Malthusian stagnation to the demographic transition and beyond, American Economic Review, 90, 806-829.

[7] Hansen, G.D., and E.C. Prescott, 2002, Malthus to Solow, American Economic Review 92, 1205-1217. Longer version available as NBER Working Paper No. 6858.

[8] Kremer, M., 1993, Population growth and technological change: one million B.C. to 1990, Quarterly Journal of Economics 108, 681-716.

[9] Lagerlöf, N.-P., 2006, The Galor-Weil model revisited: a quantitative exercise, Review of Economic Dynamics 9, 116-142.

[10] Lucas, R.E., 1988, On the mechanics of economic development, Journal of Monetary Economics 22, 3-42.

[11] Lucas, R.E., 2002, Ch. 5 (pp. 109-188) in: Lectures on economic growth, Harvard University Press.

[12] Mulligan, C.B., and K.K. Tsui, 2008, Political entry, public policies, and the economy, NBER working paper no. 13830.

[13] Nunn, N., and N. Qian, 2011, The potato's contribution to population and urbanization: Evidence from a historical experiment, Quarterly Journal of Economics 126, 593-650.