

<p><b>Development Economics 01:220:439:01</b>  Rutgers University, Professor Ira N. Gang, Email: gang at rutgers.edu Include 439 in the subject line  Prerequisites: Intermediate Microeconomics, Intermediate Macroeconomics, Econometrics  Updated: 29 August 2022</p>		
<p>Fall 2022  Mon+Wed  3:50 -  5:10pm  Murray Hall  212</p>	<p><b>Lecture Schedule, Exam Dates, Readings, Etc.</b> There is no warranty on the dates, order or topics.  Please read all files in the Syllabus Webpages folder under the Files tab; these include detailed instructions and descriptions about the exams, grading, etc. No text or other purchases are required for this class. All other material is free, online and most (maybe all) is in Canvas.</p>	<p><b>LG</b></p>
<p>Canvas</p>	<p>The course management software we will be using is Canvas. Please familiarize yourself with it. All readings and related materials are under the Files tab. Videos are either under the Kaltura Course Gallery tab or under the Big Blue Button (BBB) tab. Exams will be online, under the Quizzes tab. Office Regular online office hours held by our TA will be on Zoom; the link will be available in Files in an appropriately named folder. All communications will be to your official Rutgers email. For tech help with Canvas, please visit <a href="https://it.rutgers.edu/help-support">https://it.rutgers.edu/help-support</a>.</p>	
<p>Lectures</p>	<p><b>Except on a few occasions, this term I will hold class (mainly lecture) in-person in Murray Hall 212 CAC. There are three ways you can enjoy these: (1) in-person in the classroom; (2) live streaming using Big Blue Button (BBB) on our Canvas site (click on the appropriate meeting listed); (3) recorded which will be posted in the evening under the BBB tab (again, click on the appropriate meeting). In-person attendance is not required.</b> If attending in-person, <b>masks are mandatory</b>. If you are live streaming, please enter with your microphones and video turned off. Note I will not be able to respond to chat, but you are welcome to set up your own chat and carry out a discussion among yourselves. Whichever way you choose to enjoy the lecture, you are also welcome to send our teaching assistant Fernando Letelier, <a href="mailto:fa149@economics.rutgers.edu">fa149 at economics.rutgers.edu</a>, or me <a href="mailto:gang@rutgers.edu">&lt;gang at rutgers.edu&gt;</a> questions/issues on the material. Please try to do so by then next lecture, so the issue can be addressed before we continue on.</p>	
<p>Pandemic Matters</p>	<p>These are fluid times with best practices rarely agreed upon and rapidly changing. The nature of an active pandemic requires that we, as a class, be prepared for sudden changes during the term while ensuring academic standards are maintained in a safe environment. <b>Masks must be properly worn during in-person class meetings.</b> Our classroom, Murray 212, is quite cozy, especially when approaching the legally allowed number of persons. I plan on keeping the window nearest me fully opened and encourage the opening of the other windows in the classroom. If you are not feeling well please do not come to the live class; instead, either live stream the class or watch the recording that will be posted under</p>	

	the BBB tab when you are well enough. If you cannot keep up with the work, please let me know
Teaching Assistant	Fernando Letelier, <a href="mailto:fal49@economics.rutgers.edu">fal49 at economics.rutgers.edu</a>
Office Hours :	Office Hours: OH with our TA, Fernando Letelier, fal49 at economics.rutgers.edu, will be online from 11:00AM to noon on Mondays. If you are not able to make it at this time please email him and arrange a mutually convenient time. Please come to office hours having gone over the material and with, if possible, specific questions. You may also email Prof. Gang <gang at rutgers.edu> with questions and to set up online appointments. For further information on TA office hours go to: TA Office Hours Info in the Files folder.
Graded Elements of Course	1. Exam 01. Wednesday 19 October on Canvas (about 30 multiple choice type questions) 2. Exam 02. Monday 21 November on Canvas (about 30 multiple choice type questions) 3. Exam 03 (Final Exam), Monday 19 December on Canvas (30-60 multiple choice type questions)
Important	I post selected Review Notes [Canvas -> Files -> Review Notes] prior to the class and suggest you review them prior to the lectures, adding to them during the lectures. The posts are designed to highlight the main points and will offer a good picture when combined with your class notes. They also contain some handouts and exercises (not to be turned in).
Exercises, Exam Practice, Handouts, Readings & Related Required Elements for Exams	Unless otherwise stated relevant: (i) Lectures, (ii) Review Notes include of handouts and exercises contained in them, (iii) Sample Exam Questions. Everything else is supportive. These are located in Canvas->Files.
Please watch four class lectures and other (short) videos at the appropriate points in material. All	<b>FOUR CLASS LECTURES ONLINE</b> - I will be unable to be present for classes on Sept 26, Oct 05, Oct 10, & Oct 17 (classes #06, #09, #10 & #12, respectively). For continuity & to help establish a strong foundation on the course material, I am recording and posting the appropriate lecture for each of these days. These four videos "count" as if I delivered them in-class in-person. Class 06: will be posted at appropriate time Class 09: will be posted at appropriate time Class 10: will be posted at appropriate time Class 12: will be posted at appropriate time  <b>PART ONE: PERSPECTIVES</b> -The videos in Part One, Part Two and Part Three are not required. They are for your use and I think they will be helpful in developing and expanding your understanding of development economics.

<p>are under the <b>Kaltura Course Gallery tab on the left hand side of our Canvas home page.</b> They are listed here under the relevant course topics. The four class lectures are required; others are supportive, unless otherwise indicated.</p>	<p>Shubhashis Gangopadhyay, Unintended Consequences: Primaer to Critical Thinking Amartya K. Sen on Development Research the Last Thirty Years</p> <p><b>PART TWO: MEASUREMENT</b>-The videos in Part One, Part Two and Part Three are not required. They are for your use and I think they will be helpful in developing and expanding your understanding of development economics. Angus Deaton, Nobel Laureate, Subjective Well-Being and Policy: Interview Angus Deaton, Nobel Laureate, on Measuring and understanding behavior, welfare and poverty HansRosling on the Washing Machine 2019 Multidimensional Poverty</p> <p><b>PART THREE: TOPICS</b> -The videos in Part One, Part Two and Part Three are not required. They are for your use and I think they will be helpful in developing and expanding your understanding of development economics. Drought and Famine Craseh Course World History #208 Ralitza Dimova-Food Security: Decoding Declining Labor Force Participation by Women in India China-Labor Markets</p>	
<b>PART ONE</b>	<b>DEVELOPMENT ECONOMICS PERSPECTIVES</b>	<b>1</b>
<p>Wednesday 07 Sept Class 1</p>	<p><b>Objectives:</b> Introduction. What is development economics? <b>Readings:</b> [1_BEG] Chapters: Introduction and 1, 2, 3, 4. 5, 6 Glossary [4_Ray - Development Economics, Palgrave article] *deJanvry &amp; Sadoulet, Preface, Ch. 1 (pp. 13-26) *deJanvry &amp; Sadoulet, Ch. 3, (pp. 129-143) <b>Explore:</b> 5_Global Development Network Website <b>Review Notes for Development Economics Perspectives</b> <b>Please review National Income Accounting, the Neo-Classical Growth Model and the New Growth Model from Intermediate Macro; Math</b> <a href="http://www.mathcentre.ac.uk">http://www.mathcentre.ac.uk</a></p>	
<p>Monday 12 Sept Class 2</p>	<p><b>Objectives:</b> Growth. Capital fundamentalism. immiserizing growth. National income accounting, purchasing power parity. <b>Readings:</b> [1_BEG] Chapters: 7, 8 , 9, 10. [11.0_Big Mac Index] [11_1_GDPtrouble-Eco][11_2_DeatonSummary] [12_OECD-PPP FAQ] [6_Solow-Swan Growth] [7_Harrod-Domar Growth] *deJanvry &amp; Sadoulet, Ch. 8 and Appendix 8.1; Ch. 2 (pp. 79-87). <b>Review-Perspectives 01</b></p>	
<p>Wednesday 14 Sept Class 3</p>	<p><b>Objectives:</b> Models of Economic Growth. Harrod-Domar, Solow-Swan, "New" <b>Readings:</b> [1_BEG] Chapters: 11, 12, 13, 14; [8_Romer] *deJanvry &amp; Sadoulet, Ch. 9.</p>	

Monday 19 Sept Class 4	<b>Review-Perspectives 02</b> <b>Review-Perspectives 03</b>
Wednesday 21 Sept Class 5	
Monday 26 Sept Class 6 <b>No in-person lecture.</b> <b>Watch class 06 lecture in Kaltura Course Gallery.</b>	
Wednesday 28 Sept Class 7	
Monday 03 Oct Class 8 <a href="#">Exam in 477</a>	
Wednesday 05 Oct Class 9 <b>No in-person lecture.</b> <b>Watch class 09 lecture in Kaltura Course Gallery.</b>	
Monday 10 Oct Class 10 <b>No in-person lecture.</b> <b>Watch class 10 lecture in Kaltura Course Gallery.</b>	<b>Objectives:</b> Models of Economic Growth. Dualism, Lewis, Surplus Labor, Overview of "modern" development economics. <b>Readings:</b> [9_Thorbecke] [10_Fields] [1_BEG] Chapters: 15, 16, 17, Appendices [76_New Green Revolution] <b>Review-Perspectives 04</b> <b>Watch Video:</b> Amartya K. Sen on Development Research the Last Thirty Years

Wednesday 12 Oct Class 11	
Monday 17 Oct Class 12 <b>No in-person lecture.</b> <b>Watch class 12 lecture in Kaltura Course Gallery.</b>	
Wednesday 19 Oct Class 13	<b>Exam 01.</b> The exam will be taken on Canvas. It is open everything except you must not consult with others. You can take the exam 3:50PM until 11:55PM. Once you click "Take the Quiz," you will have 90 minutes or until 11:55 PM whichever is earlier to complete this assessment. It will be submitted after 90 minutes or at 11:55 PM regardless of whether you have answered all the questions. You can submit this assessment one time. Please see relevant web page on how to take exams. Exam 01 will cover everything we have done so. NO LECTURE.
<b>PART TWO</b>	<b>MEASUREMENT</b> <span style="float: right;"><b>2</b></span>
Monday 24 Oct Class 14	<b>Objectives:</b> Measuring Development. Poverty and Inequality. The Development Game <b>Readings:</b> [74_UN-Poverty Handbook] Chapters 2, 3 <b>Review-Measurement 00</b> <b>Watch Video:</b> Angus Deaton, Nobel Laureate, Subjective Well-Being and Policy: Interview
Wednesday 26 Oct Class 15	<b>Objectives:</b> Measuring Development. Poverty and Inequality Axioms. <b>Readings:</b> [15_Lichfield] [34_TP2003_4 Poverty and inequality Measures] <b>Review-Measurement 01</b>
Monday 31 Oct Class 16	<b>Objectives:</b> More on Measurement; Links between poverty, inequality and output, Kuznets Inverted U. Does inequality matter?; Poverty, Inequality and Growth. <b>Readings:</b> [16_Basu, Foster, Subramanian] [72_Poverty: Not Always With Us] [17_Ferreira]
Wednesday 02 Nov Class 17	*deJanvry & Sadoulet, Ch. 7 (pp. 255-279). <b>Review-Measurement 02</b> <b>Objectives:</b> Literacy.
Monday 07 Nov Class 18	<b>Readings:</b> 4_Ray - Development Economics, Palgrave article <b>Review-Measurement 03</b>
Wednesday 09 Nov Class 19	
Monday 14	

Nov Class 20 <a href="#">Exam in 477</a>	
Wednesday 16 Nov Class 21	
Monday 21 Nov Class 22	<b>Exam 02.</b> The exam will be taken on Canvas. It is open everything except you must not consult with others. You can take the exam 3:50PM until 11:55PM. Once you click "Take the Quiz," you will have 90 minutes or until 11:55 PM whichever is earlier to complete this assessment. It will be submitted after 90 minutes or at 11:55 PM regardless of whether you have answered all the questions. You can submit this assessment one time. Please see relevant web page on how to take exams. Exam 02 will cover everything we have done so far. Emphasis on material not covered in the first exam. NO LECTURE.
Wednesday 23 Nov <b>No class.</b>	<b>Friday class schedule.</b>
Thursday 24 Nov, Friday 25 Nov <b>No classes</b>	<b>Thanksgiving Break</b>
<b>PART THREE</b>	<b>TOPICS (subject to change)</b> <span style="float: right;"><b>3</b></span>
Monday 28 Nov Class 23	<b>Objectives:</b> Impact evaluation <b>Readings:</b> [10_1_SadouletImpactEvaluation] [10_2_Blattman] [10_3_StataCausality] *deJanvry & Sadoulet, Ch. 4; Ch. 14. <b>Review-Slides-All-Topics-Section _Part 3_ 439 Fall 2021</b>
MWed 30 Nov Class 24	<b>Objectives:</b> Famines and government failure. <b>Readings:</b> [18_Devereux] [19_Sen] [39_Imai] [19_5_IsEraOfGreatFaminesOver?] <b>Watch Video:</b> Drought and Famine Crash Course World History #208
Mon 05 Dec Class 25	<b>Objectives:</b> Population. Malthus. Mortality. Fertility. Household models. <b>Readings:</b> [20_Economist 23Dec1999] [21_Economist-12Aug2009] [35_Bangladesh_ Out of the basket] [36_Bangladesh and development] *deJanvry & Sadoulet, Ch. 11
Wednesday 07 Dec Class 26	<b>Objectives:</b> Rural Markets - complications of missing Markets for risk, Sharecropping, Microfinance <b>Readings:</b> [22_Mashall diagram][38_Ghalib_Microfinance & Poverty] <b>Watch Video:</b> Ralitza Dimova-Food Security
Monday 12 Dec Class 27	<b>Objectives:</b> Rural Markets - complications of missing Markets for risk, Sharecropping, Microfinance <b>Readings:</b> [22_Marshall diagram][38_Ghalib_Microfinance & Poverty] [77_Small

	Band of Women] *deJanvry & Sadoulet, Ch. 13,18, 20, 22
Wednesday 14 Dec Class 28	<b>Objectives:</b> Labor Markets, Migration, Outsourcing, Brain Drain, Remittances. <b>Readings:</b> [37_Banks] [23_MPI] *deJanvry & Sadoulet, Ch. 12.
As Time Permits	<b>Objectives:</b> Planning, Industrial Policy, Choice of Techniques, Infant Industry. *deJanvry & Sadoulet, Ch. 3 (skim); Ch. 21.
As Time Permits	<b>Objectives:</b> Education, Trade, Aid, Standards, Environment. <b>Readings:</b> [24_EnvKuzCur] [40_Manoj Roy] [75_WhoPrefersCashTransfers?] *deJanvry & Sadoulet, Ch. 17, Ch. 19
<b>Monday 19 Dec Exam 03 (Final Exam)</b>	<b>Final Exam.</b> Comprehensive. It will cover the entire semester's work. Once you begin you have 3 hours to complete it. The exam will be taken on Canvas. It is open everything except you must not consult with others. The exam is available for you to take on our officially scheduled exam day Monday 19 December, 4:00PM until 11:55PM. Once you click "Take the Quiz," you will have three (3) hours or until 11:55 PM whichever is earlier to complete this assessment. It will be submitted after three (3) hours or at 11:55 PM regardless of whether you have answered all the questions. You can submit this assessment one time. Please see relevant web page on how to take exams.