

**SUSTAINABLE FOOD POLICY FOR DEVELOPING COUNTRIES**  
**11: 373:218**  
**DEPARTMENT OF AGRICULTURAL, FOOD AND RESOURCE ECONOMICS**

**Basic Course Information**

Instructor	Dr. Isaac Vellangany PhD., MBA.
Contact Information	<a href="mailto:isaacv@rci.rutgers.edu">isaacv@rci.rutgers.edu</a> Cook Office Building , Room 112 55 Dudley Road, New Brunswick Ph: 848-932-9131 (email is preferred for all communication)
Office Hours	Office Hours: Online
Class Time and Place	Online: Summer/winter session
Course Management System	<a href="https://sakai.rutgers.edu">https://sakai.rutgers.edu</a> : This course is conducted online through Sakai. You will access announcements, course materials, test and quizzes, grades, communicate with your classmates in the chat room, and participate in class discussions through the site. You are required to log into sakai on a daily basis.
Required Textbook	<b><u>Food Policy for Developing Countries</u></b> , Per Pinstrup-Anderson and Derril D. Watson II, Cornell University Press, 2011. ISBN: 978-0-8014-4818-8. (Henceforth in syllabus FPDC)
Recommended for Part I of the course (echapters may be purchased from the publisher)	<b><u>Case Studies in Food Policy for Developing countries</u></b> , Per Pinstrup-Anderson and Fuch Cheng (eds.). Cornell University Press, 2011 ISBN: 978-0-8014-7554-2
	<b><u>Economic Development</u></b> , Michael Todaro and Stephen Smith, Addison-Wesley, 11 <sup>th</sup> . ed., 2011, ISBN: 9780138013882 (Henceforth DE in the syllabus)
Homework Assignments, Quizzes, and Exams	All tests, quizzes and case studies will be available in sakai as specified in the outline below.
Components of Course Grade	45 % of grade from three midterm test/quizzes 20 % of grade from final exam 20 % of grade from online discussion 15% of grade from final paper The term paper is an important vehicle for students to demonstrate their ability to systematically study a policy issue/topic that will be assigned during the second week of the course. The term paper must be submitted on or before the due date.

Course Description:	<p>This course is interdisciplinary and provides an overview of the food problem in the developing world, examines the social, political and economic reasons for population growth, poverty, malnutrition, food insecurity, underemployment, under development and gender inequality, and the role of agriculture in economic development. The course has three parts. Part I provides a global perspective of economic development and introduces a conceptual framework to analyze it. The framework includes both theories and empirical methods of economic development. Part II provides an in-depth look into critical domestic issues such as poverty, inequality, population growth and control, healthcare, education, human capital, agriculture, urbanization and rural-urban migration in the developing world. Part III extends the discussion to international and macroeconomic issues such as agricultural trade, the role of international institutions in promoting growth and protecting the environment.</p>
Learning Goals and Objectives	<ol style="list-style-type: none"> <li>1. Examine general country profile of Asian and Latin American countries, and the profile of the African continent from a historical perspective.</li> <li>2. Learn to analyze the root causes of poverty and its relation to demography, inequality, malnutrition, illiteracy, unemployment and rural/urban migration.</li> <li>3. Understand the methodology behind the calculation of the Human Development Index (HDI), Head count ratio (HCR), Poverty Gap Ratio (PGR), Income Gap Ratio (IGR), Foster-Greer-Thorbecke (FGT) measures, Gini-coefficient and Gender Development Index (GDI).</li> <li>4. Analyze agricultural production and rural development, food consumption and nutrition, food insecurity, food safety and socio-economic policy and planning that address existing and expected future problems related to the global, national and local food system.</li> <li>5. Evaluate trade-related aspects of agriculture and the role of WTO and FAO in fostering free trade among and between developed countries (DC) and less developed countries (LDCs).</li> </ol>
Academic Integrity	<p>All students must comply with the University's academic integrity policy set forth at <a href="http://academicintegrity.rutgers.edu/integrity.shtml">http://academicintegrity.rutgers.edu/integrity.shtml</a>.</p>
Prescription for Success	<p>Participate in every class.</p> <p>Read material in advance of any class activity, go over the power point presentation slides, and practice examples and problem sets.</p> <p>Complete every assignment, every quiz, and every exam on time as specified in the syllabus.</p> <p>Contact the professor to clarify any issues that would enhance your online class experience.</p>

<b>Please Note: I reserve the right to alter this syllabus during the semester.</b>		
	<b>Topic</b>	<b>Comment</b>
<b>Part I</b>	<b>Economic development</b>	The chapters below are from the text, "Economic Development"
	Development Patterns, Theories and Policies	Chapter 1. Introducing Economic Development: A Global Perspective Chapter 4. Classic Theories of Economic Growth and Development
	Measurements issues	Chapter 5: Poverty, Inequality, Development and measurement Chapter 6: Population Growth and Economic Development: Causes, Consequences, and Controversies
	<i>Case study summary submission and discussion</i>	Development Strategies, Macroeconomic Policies, and the Agricultural Sector in Zambia
<b>Quiz 1</b>	Covers chapters 1, 4, 5, and 6	40 Multiple choice questions and four problem sets. Tests mastery of use of terms and calculations in economic development.
<b>Part II</b>	<b>Global and national food policy issues</b>	<b>The chapters below are from the text, "Food Policy for Developing Countries"</b>
	<i>Case study discussion</i>	<p><b>Chapter 1: Toward a Dynamic Global Food System</b> <i>The Global Food System — Complex Systems Analysis — Organizations that Impact the Food System</i></p> <p><b>Chapter 2: Food Policy</b> <i>Definition of Food Policy — Political Economics — Stakeholder Analysis — Food Policy in the Global Food System — A Political Economy Analysis of Food Policy</i></p> <p><b><i>Intra-household Allocation, Gender Relations, and Food Security in Developing Countries</i></b></p> <p><b>Chapter 3: Human Health and Nutrition Policies</b> <i>Dietary Energy and Nutrients — Other Food System Interactions with Human Health, Current World Health and Nutrition Situation, Nutrition Transition, Economic Payoffs from Health and Nutrition Improvements — Policy Options to Improve Health and Nutrition — Comparing Alternatives: An Example of Efforts to Reduce Dietary Iron Deficiency</i></p> <p><b>Chapter 4: Food Security, Consumption, and Demand Policies</b> <i>The Food Consumption Situation — Food Security: Millennium Development Goals and the World Food Summit — Household Choices: Coping and Adaptation — Population Growth and Demographic Transitions — Consumer and Household Demand Analysis — Food Consumption Analysis — Food Consumption Policies</i></p> <p><b>Chapter 5: Poverty Alleviation Policies</b> <i>World Poverty Situation — Who Stays Poor? — Conceptual Issues of Multidimensional Poverty — Poverty and the Food System — Poverty Reduction Policies</i></p>
	<i>Case study summary submission and discussion</i>	<b><i>PROGRESS: An Integrated Approach to Poverty Alleviation in Mexico</i></b>
<b>Quiz II</b>	Covers Chapters 1-5	40 Multiple choice questions and three short essays.

		Tests understanding of poverty-related concepts.
<b>Part III</b>	<b>National food production, consumption and trade</b>	<b>All chapters below are from FPDC</b>
	<b>Domestic market for food</b>	Chapter 6: Domestic Market Policies <i>A Marketing System — Introductory Theory of the Firm — Food Markets — Structural Change in Food Markets — Food Marketing Policies</i>  Chapter 7: Food Production and Supply Policies <i>The Economic Importance of Agricultural Production — Food Production Situation — New Farming Techniques — Increasing Yields through Research and the Green Revolution — Smallholder Agriculture — Policies for Production and Supply — Contextual Policies</i>
	<i>Case study discussion</i>	<i>Famine and Food Insecurity in Ethiopia</i>
	<b>Sustainable development and Environmental Protection</b>	Chapter 8: Climate Change, Energy, and Natural Resource Management Policies  Chapter 9: Governance and Institutions <i>Institutions in Economics — Governance Situation — Governance and the Food System — Recent Trends in Governance — International Governance</i>  Chapter 10: Globalization and the Food System <i>The International Food Trade Situation — The International Capital Market — International Technology Transfer — The Role of Biotechnology — The International Labor Market — Policies to Guide Globalization</i>  Chapter 11: Ethical Aspects of Food Systems  <i>The WTO dispute settlement mechanism and developing countries: the Brazil – U.S. cotton case</i>
<i>Case study discussion</i>		
Quiz III	Covers chapters 6 –11	<b>40 Multiple choice questions and three short essays.</b> <b>Tests understanding of the link between domestic and international trade and its effect on developing countries' ability to grow and protect the environment.</b>