UNIVERSITY OF THE FRASER VALLEY

ORIGINAL COURSE IMPLEMENTATION DATE: April 1992
REVISED COURSE IMPLEMENTATION DATE: September 2026
COURSE TO BE REVIEWED (six years after UEC approval)**:** February 2032
Course outline form version: 26/01/2024

OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

Note: The University reserves the right to amend course outlines as needed without notice.

Course Code and Number: ECON 352	**Number of Credits:** 3 Course credit policy (105)
Course Full Title: Technological Progress and Inclusive Economic Growth **Course Short Title:** Tech Progress & Econ Growth	
Faculty: Faculty of Social Sciences	**Department (or program if no department):** Economics

Calendar Description:

Examines the relationship between technological progress and inclusive economic growth. Analyzes economic growth patterns, human and physical capital, and the impact of technology on productivity and inequality. Explores globalization, institutions, and government policies shaping economic development. Applies economic principles to real-world challenges, emphasizing equity, and sustainable economic growth.

Prerequisites (or NONE):	45 university-level credits including ECON 100 and ECON 101.
Corequisites (if applicable, or NONE):	None.
Pre/corequisites (if applicable, or NONE):	None.

Antirequisite Courses *(Cannot be taken for additional credit.)*

Former course code/number:

Cross-listed with:

Equivalent course(s):

(If offered in the previous five years, antirequisite course(s) will be included in the calendar description as a note that students with credit for the antirequisite course(s) cannot take this course for further credit.)

Typical Structure of Instructional Hours

Lecture/seminar	45
Total hours	**45**

Scheduled Laboratory Hours

Labs to be scheduled independent of lecture hours: ☒ No ☐ Yes

Course Details

Special Topics course: **No**
(If yes, the course will be offered under different letter designations representing different topics.)

Directed Study course: **No**
(See policy 207 for more information.)

Grading System: **Letter grades**

Delivery Mode: **May be offered in multiple delivery modes**

Expected frequency: **Every other year**

Maximum enrolment (for information only)**: 28**

Prior Learning Assessment and Recognition (PLAR)

PLAR is available for this course.

Transfer Credit *(See bctransferguide.ca.)*

Transfer credit already exists: **Yes**

Submit outline for (re)articulation: **No**
(If yes, fill in transfer credit form.)

Department approval	**Date of meeting:**	March 14, 2025
Faculty Council approval	**Date of meeting:**	June 6, 2025
Undergraduate Education Committee (UEC) approval	**Date of meeting:**	February 27, 2026

Learning Outcomes *(These should contribute to students' ability to meet program outcomes and thus Institutional Learning Outcomes.)*

Upon successful completion of this course, students will be able to:

1. Analyze historical and contemporary economic growth patterns, considering disparities across countries and communities, including Indigenous economies.
2. Identify the sources of economic growth, including the roles of land, labor, capital, and total factor productivity.
3. Detail economic factors that influence technological progress.
4. Evaluate major public policy issues related to technological progress and economic growth, taking into account the effects on diverse communities, including Indigenous peoples.
5. Interpret the rationale of business strategies related to technical innovation.
6. Evaluate the impact of population growth and labor force participation on technological progress.
7. Investigate the relationship between technology, innovation, and economic inequality, highlighting the digital divide and access to resources.

Recommended Evaluation Methods and Weighting *(Evaluation should align to learning outcomes.)*

Final exam:	30%	Assignments:	10%		%
Quizzes/tests:	50%	Holistic assessment:	10%		%

Details:

Midterm 1: 25%
Midterm 2: 25%
Holistic assessment may include country analysis and reflections about economic development in a podcast or video format.

NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.

Typical Instructional Methods *(Guest lecturers, presentations, online instruction, field trips, etc.)*

Presentations, lectures, class project and discussion.

Texts and Resource Materials *(Include online resources and Indigenous knowledge sources. Open Educational Resources (OER) should be included whenever possible. If more space is required, use the Supplemental Texts and Resource Materials form.)*

	Type	Author or description	Title and publication/access details	Year
1.	Textbook	Weil	Economic Growth, 3rd Edition, Pearson	2016
2.	Textbook	Swann	The Economics of Innovation: An Introduction, Edward Elagar	2009
3.	Online resource	Acemoglu	Economic Growth, MIT Open Course Ware	2025
4.				
5.				

Required Additional Supplies and Materials *(Software, hardware, tools, specialized clothing, etc.)*

Course Content and Topics

- Growth facts to be explained
- Physical capital
- Population and economic growth
- Future population trends
- Human capital
- Measuring productivity
- The role of technology in economic growth
- The cutting-edge technology
- Efficiency
- Growth in the open economy
- Government
- Institutions
- Income inequality
- Culture
- Geography, climate and natural resources
- Resources and the environment at a global level