



COURSE SUBJECT/NUMBER GEOG 424-4

COURSE TITLE

LONG — for Calendar/schedule, no more than 100 characters including spaces and punctuation

Cities, Transport, Infrastructure

AND

SHORT — for enrollment/transcript, no more than 30 characters including spaces and punctuation

Cities/Transprt/Infrastructure

CAMPUS where course will be taught: ☒ Burnaby ☐ Surrey ☒ Vancouver ☐ Great Northern Way ☐ Off campus

COURSE DESCRIPTION (FOR CALENDAR). 50-60 WORDS MAXIMUM. ATTACH A COURSE OUTLINE TO THIS PROPOSAL.

An exploration of the relationships between the development of cities, transportation, and infrastructure from an economic geography perspective. Greater Vancouver provides a location to explore, apply, and critique the theoretical perspectives presented in seminar.

LIBRARY RESOURCES

NOTE: Senate has approved (S.93-11) that no new course should be approved by Senate until funding has been committed for necessary library materials. Each new course proposal must be accompanied by a library report and, if appropriate, confirmation that funding arrangements have been addressed.

Library report status **Pending**

RATIONALE FOR INTRODUCTION OF THIS COURSE

Course to be part of teaching responsibilities of new faculty member Peter Hall.

SCHEDULING AND ENROLLMENT INFORMATION

Indicate effective **term and year** course would first be offered and planned **frequency** of offering thereafter:

Spring 2013; biennially thereafter

Will this be a required or elective course in the curriculum? ☐ Required ☒ Elective

What is the probable enrollment when offered? Estimate: **15-18**

CREDITS

Indicate number of credits (units): **4**

Indicate number of hours for: ☒ Lecture ☒ Seminar ☐ Tutorial ☐ Lab ☐ Other



FACULTY Which of your present CFL faculty have the expertise to offer this course?
Hall; Hayter

WQB DESIGNATION

(attach approval from Curriculum Office)

PREREQUISITE

Does this course replicate the content of a previously-approved course to such an extent that students should not receive credit for both courses?
If so, this should be **noted in the prerequisite**.

One of GEOG 323, 324, 362, or 363

COREQUISITE

None

STUDENT LEARNING OUTCOMES

Upon satisfactory completion of the course students will be able to:

Upon satisfactory completion of the course students will be able to critically analyze how city-regions and community life are fundamentally shaped by transportation and infrastructure systems. They will have read and discussed classic and contemporary scholarly literature on the relationships between the development of cities, transportation, and infrastructure from an economic geography perspective. Past and current transportation infrastructure developments in the Greater Vancouver will have provided a focus to explore, apply, and critique the theoretical perspectives presented in the course.

FEES

Are there any proposed student fees associated with this course other than tuition fees? ☒ YES ☐ NO

RESOURCES

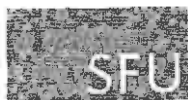
List any outstanding resource issues to be addressed prior to implementation: space, laboratory equipment, etc:

OTHER IMPLICATIONS

Articulation agreement reviewed? ☐ YES ☐ NO ☒ Not applicable

Exam required: ☐ YES ☒ NO

Criminal Record Check required: ☐ YES ☐ NO



APPROVALS

- 1 Departmental approval indicates that the Department or School has approved the content of the course, and has consulted with other Departments/Schools/Faculties regarding proposed course content and overlap issues.

Chair, Department/School *[Signature]* Date _____

Chair, Faculty Curriculum Committee Date _____

- 2 Faculty approval indicates that all the necessary course content and overlap concerns have been resolved, and that the Faculty/School/Department commits to providing the required Library funds.

Dean or designate *[Signature]* Date *Apr 23, 2012*

LIST which other Departments, Schools and Faculties have been consulted regarding the proposed course content, including overlap issues. Attach documentary evidence of responses.

Other Faculties approval indicated that the Dean(s) or Designate of other Faculties AFFECTED by the proposed new course support(s) the approval of the new course:

Date _____

Date _____

- 3 SCUS approval indicates that the course has been approved for implementation subject, where appropriate, to financial issues being addressed.

COURSE APPROVED BY SCUS (Chair of SCUS):

Date _____

APPROVAL IS SIGNIFIED BY DATE AND APPROPRIATE SIGNATURE.

GEOG424 - CITIES, TRANSPORTATION, INFRASTRUCTURE

Calendar Description

An exploration of the relationships between the development of cities, transportation and infrastructure from an economic geography perspective. Greater Vancouver provides a location to explore, apply and critique the theoretical perspectives presented in seminar.

Prerequisite: GEOG 323 or GEOG 324 or GEOG 362 or GEOG 363.

Mandatory course fees: \$20

Course Outline Description

This seminar course explores the relationships between the development of cities, transportation and infrastructure from an economic geography perspective. City-regions and community life are fundamentally shaped by transportation and infrastructure systems. Greater Vancouver, created at the western terminus of the Canadian Pacific Railway, and now the site of significant gateway expansion provides a location to explore, apply and critique the theoretical perspectives presented in the course. The course will include a fieldtrip to locations in the Lower Mainland currently affected by Gateway activities and infrastructure expansion. Topics include trade, networks, flows and mobility, governance, community impacts, land use and economic development. Students are expected to participate actively in class, and to write a paper about some aspect of infrastructure or transportation development in an urban region.

Course Meetings: Class meets for 4 hours per week. Topics for each meeting, required reading and due dates for assignments are identified in the schedule below:

Week	Topic	Readings	Due
1	Introduction		
2	Cities, Trade and Development	Cronon, Innis, Vance, Vernon	
3	Cities, Flows and Mobility	Borja&Castells, Graham&Marvin, Herod, Urry	
4	Cities, Infrastructure and Place	Perry, Flyvberg et al, Altshuler&Luberoff	
5	Fieldtrip (Port Kells, SFPR, Tilbury Island, Deltaport, South Shore)		
6	The economics and work of flow	Levinson, Wang et al, Bonacich&Wilson,	Paper empirical report (10%)
7	From Waterfronts to Suburbs and beyond	Dovey, Desfor et al, Hein, Hesse	
8	Governing and planning flow	Brown, Desfor&Laidley Hall et al	
9	Group meetings and interviews		Book review (20%)
10	Which Gateway economy? Whose Gateway economy?	See web sources for weeks 10-12.	Group briefing document (10%)
11	Railways, Waterways, Highways and Land in the Livable Region		Group briefing document (10%)
12	Governing the Gateway: from local to federal and back		Group briefing document (10%)
13	Conclusion		Final paper (30%)

Student Evaluation

Class participation (10%)

Book review and seminar presentation (20%) – each student presents a book, and later submits a written book review. Other students read one or two chapters from the same book.

Gateway perspectives (group work: 3 x 10%) – groups of students prepare and present briefing documents from the perspective of Gateway stakeholders.

Paper – individual paper on the city-shaping role of infrastructure or transportation development.

Paper empirical report (10%)

Final Paper (30%)

Readings

Cronon, William. 1991. *Nature's metropolis: Chicago and the Great West* / New York: W. W. Norton.

Chapter 2: Rails and Water, pp55-93.

Innis, Harold Adams, (1923/1971) *A history of the Canadian Pacific Railway*. Toronto: University of Toronto Press.

Chapter 4: Expansion of the road and development of the freight traffic, pp129-171.

Vance, James E.1970. *The merchant's world: the geography of wholesaling*. Englewood Cliffs, N.J.: Prentice-Hall.

Chapter 1: Introduction: wholesaling, the pioneer of space, pp1-14.

Vernon, R. 1960. *Metropolis 1985*. New York: Doubleday.

Chapter 4: Labor and Freight, pp38-67.

Borja, J. and Castells, M. 1997. *Local and Global: Management of Cities in the Information Age*. London: Earthscan.

Chapter 2: The Impact of Globalization on the Spatial and Social Structure of Cities, p16-44.

Stephen Graham and Simon Marvin, 2001 *Splintering urbanism: networked infrastructures, technological mobilities and the urban condition* / London ; New York: Routledge.

Chapter 5: The City as a Sociotechnical Process, pp178-216

Herod, A. 2001. *Labor Geographies: Workers and the Landscapes of Capitalism*. New York: Guildford.

Chapter 4: Spatial Sabotage: containerization, union work rules and the geography of waterfront work, pp70-101.

John Urry. 2007. *Mobilities*. Cambridge: Polity.

Chapter 1: Mobilizing Social Life, pp3-16

Chapter 2: Mobile Theories and Methods, pp17-43

David C. Perry (ed). 1995. *Building the public city: the politics, governance, and finance of public infrastructure* / Published Thousand Oaks, CA: Sage Publications.

Chapter 7: Building the City through the Back Door: The Politics of Debt, Law and Public Infrastructure, pp202-236.

Bent Flyvbjerg, Nils Bruzelius, Werner Rothengatter. 2003. *Megaprojects and risk: an anatomy of ambition* / United Kingdom ; New York: Cambridge University Press.

Chapter 1: The megaprojects paradox, pp1-10.

Chapter 2: A calamitous history of cost overruns, pp11-21.

Altshuler, Alan A. and Luberoff, David. 2003. *Mega-projects: the changing politics of urban public investment* / Washington, D.C.: Brookings Institution Press ; Cambridge, Mass.: Lincoln

Institute of Land Policy.

Chapter 5: Building new airports and expanding older ones, pp123-175.

Levinson, Marc. 2006. *The box: how the shipping container made the world smaller and the world economy bigger* / Princeton: Princeton University Press.

Chapter 1: The world the box made, pp1-16.

Chapter 14: Just in time, pp264-278.

Wang, J, Olivier, D, Notteboom, T and Slack, B. (eds) 2007. *Ports, Cities, and Global Supply Chains*. Aldershot: Ashgate

Chapter 13: The economic performance of seaport regions, 187-202.

Chapter 15: Which link, in which chain? Inserting Durban into Global Supply chains, p221-231.

Edna Bonacich and Jake B. Wilson. 2008. *Getting the goods: ports, labor, and the logistics revolution* / Ithaca, N.Y.: Cornell University Press.

Chapter 1: The logistics revolution, pp3-22.

Conclusion: Winners and losers, pp241-252.

Kim Dovey, 2005. *Fluid city: transforming Melbourne's urban waterfront* / New York: Routledge.

Chapter 1: Flows, pp1-25.

Desfor, G, Laidley, J, Schubert, D, and Stevens, Q. (eds) 2010. *Transforming Urban Waterfronts: Fixity and Flow*. Abingdon: Routledge.

Introduction: Fixity and Flow of Urban Waterfront Change. pp 1-13

Chapter 13: Flows of Capital and Fixity of Bricks in the Built Environment of Boston: property-led development in urban planning? pp274-294.

Carola Hein (ed). 2011. *Port cities: dynamic landscapes and global networks* / Abingdon: Routledge.

Chapter 5: Port Cities and the global exchange of planning ideas, pp70-85.

Hesse, Markus. 2008. *The city as a terminal: the urban context of logistics and freight transport* / Aldershot: Ashgate.

Chapter 5: The Northern California Case Study, pp109-143.

Brown, Peter Hendee. 2009. *America's waterfront revival: port authorities and urban redevelopment*. Philadelphia: University of Pennsylvania Press.

Chapter 8: Devolution and the end of autonomy, pp164-192.

Gene Desfor and Jennefer Laidley (ed). 2011. *Reshaping Toronto's waterfront* / Toronto: University of Toronto Press.

Chapter 9: From Harbour Commission to Port Authority: Institutionalizing the Federal Government's Role in Waterfront Development, pp224-244.

Chapter 11: Who's in Charge? Jurisdictional gridlock and the genesis of waterfront Toronto, pp263-286.

Peter Hall, Robert McCalla, Claude Comtois and Brian Slack (eds) 2011 *Integrating Seaports and Trade Corridors*, Aldershot: Ashgate.

Chapter 1: Introduction, pp1-10.

Chapter 10: Coordination in multi-actor logistics operations: challenges at the port interface, pp155-172