Overview of the Challenge
Neighbourhoods have witnessed a major shift over the past 100 years, from contained mixed-use places to large sprawling residential single use areas. Now, as we enter the 21st century, we are seeing a return to neighbourhood communities where residents live, shop, recreate and, to some degree, work. But, during the past 50 years most large new subdivisions have been planned in a single use mode. With interest in creating complete communities, those existing neighbourhoods have experienced an increased interest in recreating a sense of community, mixed-use and places where residents are able to live, shop and recreate. Part of the initiative to explore alternative options for creating integrated neighbourhoods in existing suburbs relates to the development of neo-traditional and new urbanism concepts in more recent communities. Such concepts promote integrated neighbourhoods with a mix of density, uses, pedestrian-friendly design and ecological awareness. Increasingly, Community Plans are focusing on integrated neighbourhood concepts and complete community attributes. Area Plans, Neighbourhood Plans or detailed urban design strategies have become an important method for articulating those goals.

Purpose of the Course
This course will examine the three trends that have emerged over the past ten years: retrofitting existing suburbs to become integrated neighbourhoods, designing integrated neighbourhoods on Greenfield sites, and redeveloping urban centres through intensification. The course will examine the key elements and principles of integrated neighbourhoods, the issues confronting innovation, design requirements, key tools and techniques and practical methods to begin to retrofit existing neighbourhoods and initiating new integrated neighbourhoods on greenfield sites. Case studies will be used to explore options and practical design methods will be explored in classroom assignments including Vancouver inner-city and suburban sites.

Day One
9:00 AM: Introductions/Interests/Expectations/ Overview
What was missing in the Neighbourhood you grew up in?
10 Key questions we want answered?

9:45 AM: What is the Complete Community?
How did we get here?
History of neighbourhood planning and design – the good, the bad, and the inconceivable
(Michael von Hausen)

10:30 AM: BREAK
10:45 AM  Innovative trends in neighbourhood planning and design practice; City, suburban, rural situation and case studies: Celebration, Florida, Garrison Crossing, Hatzic Ridge, Echo Heights, Chemainus; British Columbia; and Gasoline Alley, Red Deer and Midtown Calgary, Alberta. (Michael von Hausen)

12:30 PM:  LUNCH

1:30 PM:  Applied exercise — complete community checklist on Garrison Crossing and Cambrian Crossing.

3:15 PM:  Break

3:30 PM:  Case Study— Brentwood TOD and Daye Lake Eco-City

5:30 PM:  Adjournment

**Day Two**

9:00 AM:  Greenfield Innovation in Creating the New Suburban Neighbourhoods (Paul Fenske)

10:30 AM:  BREAK

10:45 AM:  Applied Case Studies of Sumas Mountain and Kelowna: Programming, Politics, and Finance (Paul Fenske)

12:00 PM:  LUNCH

1:00 PM:  TEAM STUDIO/ Neighbourhood-Making: An Exploration of Conceptual Alternatives: Willoughby Town Centre (Michael von Hausen and Frank Ducote)

3:00 PM:  BREAK

3:15 PM:  Team Presentations of the Complete Neighbourhood

4:30 PM:  Missing Pieces and Break-Through Strategies

5:00 PM:  Lessons learned, Assignment, and Evaluations

5:30 PM:  Adjournment