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# CSTP 1304: User Interface Design

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## EFFECTIVE DATE

September 2019

## DEPARTMENT

Computer Systems Tech Diploma

## DESCRIPTION

This hands-on course is an introduction to User eXperience/User Interface (UX/UI) for websites, mobile applications, and information systems. Students will plan and create a small website or a UI-centric mobile app following UI/UX best practices, analyzing website requirements and user interaction. Using those requirements and following usability guidelines, learners will design a site that works well on both desktop and mobile devices applying responsive web design. Students will choose and create appropriate media for website content.

## CREDITS

2.0

## YEAR OF STUDY

1st Year Post-secondary

## PREREQUISITES

CSTP 1206 Introduction to Internet Programming & Web Applications

## COREQUISITES

None

## COURSE LEARNING OUTCOMES

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

- Explain the importance of the user interface to websites
- Plan websites or UI for a mobile app
- Apply usability principles to websites
- Create responsive websites
- Create mobile-dedicated websites
- Create appropriate media for websites

## PRIOR LEARNING ASSESSMENT & RECOGNITION (PLAR)

None

## HOURS

Lecture: 20

Lab: 20

## INSTRUCTIONAL STRATEGIES

Instructional strategies include classroom lectures, demonstrations, group discussions, computer lab and hands-on practical work.

## GRADING SYSTEM

Letter Grade (A-F)

## PASSING GRADE

C

## EVALUATION PLAN

Type	Percentage	Assessment activity
Assignments	30	3 assignments worth 10% each
Quizzes/Tests	25	
Project	30	
Other	15	Project presentation

## COURSE TOPICS

- The importance of the user interface to websites and mobile applications
- Website planning
- Usability principles
- Responsive websites
- Mobile-dedicated websites
- Appropriate media for websites

## LEARNING RESOURCES

None

Notes:

- Course contents and descriptions, offerings and schedules are subject to change without notice.
- Students are required to follow all College policies including ones that govern their educational experience at VCC. Policies are available on the VCC website at:  
<https://www.vcc.ca/about/governance--policies/policies/>.
- To find out how this course transfers, visit the BC Transfer Guide at <https://www.bctransferguide.ca>.

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### Broadway campus

1155 East Broadway  
Vancouver, B.C. Canada  
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### Downtown campus

250 West Pender Street  
Vancouver, B.C. Canada  
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### Annacis Island campus

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