

School of Information Management

INFO544 ONLINE SEARCHING

Trimester 1, 2016

COURSE OUTLINE

Prescription

Searching and information services in the online environment, including both the free Internet environment and subscription databases.

Course Learning Objectives

By the end of INFO 544, students should be able to:

1. Exploit the full range of features available to carry out searches on the Internet and subscription databases
2. Carry out searches using effective strategies and tactics
3. Evaluate and compare search platforms
4. Critically evaluate a search result and the information retrieved
5. Understand the structure and sources of information in the specialist subject areas of government, statistical, and scientific and technical information.

Course Content

INFO 544 focuses on advancing your knowledge of reference and information work gained in INFO 523, Information Sources and Client Services. INFO 544 covers more advanced online searching skills.

We will explore advanced online searching skills and strategies, using both subscription databases and Web search engines as examples. We discuss how to evaluate search results, and database platforms. We also investigate searching for information in some specific areas not covered elsewhere in the IST programmes: Government, statistical, and scientific and technical information.

Trimester Dates

From Monday 29th February to Friday 3rd June

Withdrawal from Course

1. Your fees will be refunded if you withdraw from this course on or before Friday 11th March 2016.
2. The standard last date for withdrawal from this course is Friday 13th May 2016. After this date, students forced to withdraw by circumstances beyond their control must apply for permission on an '*Application for Associate Dean's Permission to Withdraw Late*' including supporting documentation. The application form is available from either of the Faculty's Student Customer Service Desks or [online](#).

Names and Contact Details

Course Coordinator & Lecturer: Jennifer Campbell-Meier

Room RH 423, Rutherford House

Tel +64 4 463-**3549**

Email: Jennifer.campbell-meier@vuw.ac.nz

Senior Tutor (Other distance students and Wellington): Kathryn Oxborrow

Room RH 512, Rutherford House

Tel +64 4 463 **6557**

Email: kathryn.oxborrow@vuw.ac.nz

Senior Tutor (Auckland): Sally Pewhairangi

Email: sally.pewhairangi@vuw.ac.nz

Programme Administrator: Chris King

Room RH 520, Rutherford House

Tel +64 4 463 **5875**

Email: chris.king@vuw.ac.nz

Class Times and Room Numbers

INFO 523 will be held in the first trimester (February-June) of the 2016 academic year. There will be no sessions between Friday 25th March and Wednesday 30th March or during the mid-term break Monday 25 April to Sunday 1 May.

- The weekly Distance class will be held on Thursdays between 5.00 – 6.30 p.m.

Course Delivery

Weekly tutorials

See “Class times and room numbers”, above

Course materials

Study guides, readings and other materials will be made available on Blackboard.

Online discussion

The Blackboard online discussion board will be used to discuss course topics.

IST programmes information

Information relating to the Information Studies Programmes will be found in the Blackboard Community Information Studies, and through the IST-students email list.

Verbal participation in this class is strongly encouraged. Students participating via SABA should have a microphone and speakers (a USB headset is highly recommended). In-class activities will be enhanced for all if microphones are used.

Readings

Tentative Reading List

Week 1
<ul style="list-style-type: none">• Jansen, B. J. and Rieh, S. Y. (2010), The seventeen theoretical constructs of information searching and information retrieval. <i>J. Am. Soc. Inf. Sci.</i>, 61: 1517–1534.
Week 2
<ul style="list-style-type: none">• Bell, S. (2012). “The Searcher's Toolkit: Part 2” in <i>Librarian's guide to online searching</i>. 2nd Edition. Westport, Conn. : Libraries Unlimited.• Bates, Marcia J. "The Design of Browsing and Berrypicking Techniques for the Online Search Interface." <i>Online Review</i> 13 (October 1989): 407-424.
Week 3
<ul style="list-style-type: none">• Nahl, D., & Tenopir, C. (1996). Affective and Cognitive Searching Behavior of Novice End-Users of a Full-Text Database. <i>Journal Of The American Society For Information Science</i>, 47(4), 276-286.• Fisher, K. E. and Julien, H. (2009), Information behavior. <i>Ann. Rev. Info. Sci. Tech.</i>, 43: 1–73.

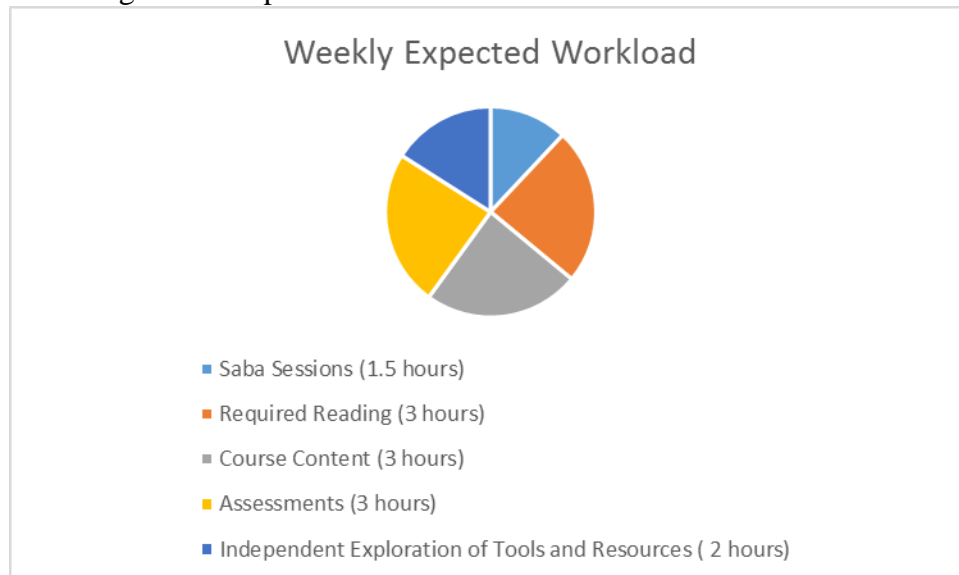
Week 4
<ul style="list-style-type: none"> • Notess, G. R. (2014). Computational, numeric, and data searching. <i>Online Searcher</i>, 38(4), 65-67. • Von Hendy, M. (2014). Fifty shades of scientific and technical grey literature. <i>Online Searcher</i>, 38(3), 60-65. • How do users search and discover? http://www.exlibrisgroup.com/files/Products/Primo/HowDoUsersSearchandDiscover.pdf
Week 5
<ul style="list-style-type: none"> • East, J. W. (2007). Subject Retrieval from Full-Text Databases in the Humanities. <i>Portal: Libraries & The Academy</i>, 7(2), 227-241. • Van Noorden, R. (2014). Google scholar pioneer on search engine's future. <i>Nature</i>, doi:10.1038/nature.2014.16269 [linked below]
Week 6
<ul style="list-style-type: none"> • Papaioannou, D., Sutton, A., Carroll, C., Booth, A. and Wong, R. (2010), Literature searching for social science systematic reviews: consideration of a range of search techniques. <i>Health Information & Libraries Journal</i>, 27: 114–122. • Sheeja, N. K. (2010). Science vs social science. <i>Library Review</i>, 59(7), 522-531. • Yan, E. (2014), Finding knowledge paths among scientific disciplines. <i>Journal of the Association for Information Science and Technology</i>, 65: 2331–2347 •
Week 7
<ul style="list-style-type: none"> • Notess, G. R. (2013). Search engine to knowledge engine? <i>Online Searcher</i>, 37(4), 61-63. • Notess, G. R. (2007). Switching your search engines. <i>Online</i>, 31(3), 44-46.
Week 8
<ul style="list-style-type: none"> • Herther, N. K. (2014). Mining for gold: 21st-century search arrives with text mining. <i>Online Searcher</i>, 38(4), 38-43. • Sherman, C. (2014). What's the big deal about BIG DATA? <i>Online Searcher</i>, 38(2), 10-16. 1. Gilhool, B., & McMahan, J. (2014). Searching secrets of professional cybersleuths. <i>Online Searcher</i>, 38(3), 56-59.
Week 9
<ul style="list-style-type: none"> • Reuser, A. H. P. (2013). Trends in the current information landscape and their significance for researchers. <i>Online Searcher</i>, 37(1), 51+. • Bartlett, J. A. (2014). Perils and pleasures of prediction: Searching for business, news, and social trends. <i>Online Searcher</i>, 38(4), 56-61.
Week 10
<ul style="list-style-type: none"> • Garfield, E. (1955). "Citation Indexes for Science: A New Dimension in Documentation through Association of Ideas." <i>Science</i>, Vol. 122, No. 3159, pp. 108-111 • Seglen, Per O. "Why the impact factor of journals should not be used for evaluating research." <i>British Medical Journal</i> 15 Feb. 1997: 498+. • Barnes, C. (2015). The Use of Altmetrics as a Tool for Measuring Research Impact. <i>Australian Academic & Research Libraries</i>, 46(2), 121-134
Week 11
<ul style="list-style-type: none"> • Avdic, A. and Eklund, A. (2010). Searching reference databases: What students experience and what teachers believe that students experience. <i>Journal of Librarianship and Information Science</i> 42(4). 224-235 • Spina, C. (2014). Finding, evaluating, and sharing new technology. <i>Reference & User Services Quarterly</i>, 53(3), 217-220. • Sult, L., Mery, Y., Blakiston, R., & Kline, E. (2013). A new approach to online database instruction: Developing the guide on the side. <i>Reference Services Review</i>, 41(1), 125-133.

Week 12

- Larivière V, Haustein S, Mongeon P (2015) The Oligopoly of Academic Publishers in the Digital Era. PLoS ONE 10(6): e0127502.

Expected Workload

To achieve satisfactory grades, you will need to spend approximately 12.5 hours per week on INFO523, including time spent in class and the SABA iConferencing sessions. Some aspects of the course will require less time, whereas others will require slightly more, depending on your previous knowledge of the topic.



Before each session, please read the material for the week's topic on Blackboard, and be ready to discuss the readings and other set work prepared for the class.

Assessment

The Assessment Handbook will apply to all VUW courses: see <http://www.victoria.ac.nz/documents/policy/staff-policy/assessment-handbook.pdf>.

Full details of the assignments are available under “Assessment” on Blackboard.

Assignment	Date due	Value	Length
Exercises (4) (relates to Learning Objectives 1-5)	16 March, 23 March, 6 April, 13 April	40%	Length varies by search strategy (3-8 pages each)
Choice of essay or report (relates to Learning Objectives 1,2,4)	3 June	40%	approximately 2000 words
Module Questions (relates to Learning Objectives 1-5)	Weekly	20%	See Blackboard

If you cannot complete an assignment or sit a test or examination, refer to www.victoria.ac.nz/home/study/exams-and-assessments/aegrotat

Penalties

Assignments submitted after they are due will have a 10% penalty imposed. Assignments submitted more than one week late without an extension will be given a zero grade. All requests for extensions must be made in writing or via email before the due date and must state a reason for the extension.

Use of Turnitin

Student work provided for assessment in this course may be checked for academic integrity by the electronic search engine <http://www.turnitin.com>. Turnitin is an on-line plagiarism prevention tool which compares submitted work with a very large database of existing material. At the discretion of the Head of School, handwritten work may be copy-typed by the School and submitted to Turnitin. A copy of submitted materials will be retained on behalf of the University for detection of future plagiarism, but access to the full text of submissions will not be made available to any other party.

Student feedback

The course was redeveloped for the 2015. Content has been streamlined and reordered to be more conducive to independent exploration and study.

Student feedback on University courses may be found at www.cad.vuw.ac.nz/feedback/feedback_display.php.

Class Representative

The IST programmes have a student committee which provides a communication channel to liaise with the Programmes Director and course coordinators on behalf of students.

Communication of Additional Information

Additional information or information on changes will be conveyed to students via Blackboard.

Link to general information

For general information about course-related matters, go to <http://www.victoria.ac.nz/vbs/studenthelp/general-course-information>

Note to Students

Your assessed work may also be used for quality assurance purposes, such as to assess the level of achievement of learning objectives as required for accreditation and academic audit. The findings may be used to inform changes aimed at improving the quality of VBS programmes. All material used for such processes will be treated as confidential, and the outcome will not affect your grade for the course.
