

# COURSES, SEMINARS & LECTURES

Michel E. Kabay, PhD

## 2020

- 2020-08 IA340AB Introduction to Information Assurance (6 hr/wk); IA455AB Current Topics in Information Assurance (6 hr/wk).  
2020-01 CS240ABC Database Management (9 hr/wk); CS330I Ethics in Computing & Technology (3 hr/wk).

## 2019

- 2019-08 CS301DL Software Engineering (3 hr/wk); CS407 Politics of Cyberspace (3 hr/wk); IA340ABDL Introduction to Information Assurance (9 hr/wk); IA455AB1DC Current Topics in Information Assurance (9 hr/wk); QM213ADL Introduction to Statistics for Business & Management (3 hr/wk). Norwich University.  
2019-01 CS111 Personal Cybersafety (1 hr/wk); CS240AB Database Management (9 hr/wk); IA455DL Current Topics in Information Assurance (3 hr/wk); QM213BDL Introduction to Statistics for Business & Management (6 hr/wk). Norwich University.

## 2018

- 2018-08 CS407 Politics of Cyberspace (3 hr/wk); IA340 Introduction to Information Assurance (3 hr/wk x 2 sections = 6 hr/wk); IA55 Current Topics in Information Assurance (3h/wk x 2 sections = 6 hr/wk); QM213DL Introduction to Statistics for Business & Management (3 hr/wk) – online. Norwich University.  
2018-05 IA340 Introduction to Information Assurance (3 hr/wk)  
2018-01 CS240AB Database Management (6 hr/wk); QM213ABD Introduction to Statistics for Business & Management (9 hr/wk). Norwich University.

## 2017

- 2017-08 CS407 Politics of Cyberspace (3 hr/wk); IA340 Introduction to Information Assurance (3 hr/wk x 2 sections = 6 hr/wk); IA55 Current Topics in Information Assurance (3h/wk x 2 sections = 6 hr/wk); QM213DL Introduction to Statistics for Business & Management (3 hr/wk) – online. Norwich University.  
2017-03 The Pillars of APT Defense (1 hr); SC Virtual Conference (2017-03-23).  
2017-01 CS212AB Assembly Programming & Reverse Engineering (6 hr/wk); CS240AB Database Management (6 hr/wk). Norwich University

## 2016

- 2016-08 CS407 Politics of Cyberspace (3 hr/wk); IA340 Introduction to Information Assurance (3 hr/wk); IA55 Current Topics in Information Assurance (3h/wk); QM213DL Introduction to Statistics for Business & Management (3 hr/wk) – online. Norwich University.  
2016-07 Cyber Safety lectures at Jewish Community of Greater Stowe (2 x 2 hr)  
2016-06 20<sup>th</sup> Colloquium on Information Systems Security Education (CISSE): 13-15 June, Philadelphia.  
2016-05 CS406i Independent Study – Research on Botnets by student Akshay Awasthi 6 hr/wk x 8 wks); QM213DL Introduction to Statistics for Business & Management (3 hr/wk) – online. Norwich University.  
2016-03 Lecture for US Army Reserve on Information Warfare (4 hr). Fort Ethan Allen Training Facility, Colchester, VT.  
2016-01 CS120 Business Software (3 hr/wk); CS240AB Database Management (6 hr/wk); QM213 Introduction to Statistics for Business & Management (3 hr/wk). Norwich University.

## 2015

- 2015-08 CS100 Foundations of CS & IA (3 hr/wk); CS407 Politics of Cyberspace (3 hr/wk); IA340 Introduction to IA (3 hr/wk); IA455 Contemporary Issues in IA (3 hr/wk).  
2015-06 CS406i (Independent Study – Research on Two-Factor Authentication by student Akshay Awasthi (6 hr/wk x 8 wks) QM213DL Introduction to Statistics for Business & Management (3 hr/wk) – online. Norwich University.  
2015-01 IS342 Management of Information Assurance (3 hr/wk); IS406 (=IS301) Software Engineering I (3 hr/wk); IS407 Politics of Cyberspace (3 hr/wk); IS455 Strategic Applications of Information Technology (3h/wk); QM213ABC Introduction to Statistics for Business & Management (9 hr/wk) – 2 sections. Norwich University.  
2015-01 Physical security overview (1 hr) 19 Jan; Social engineering overview (1 hr) 23 Jan; both for Norwich University Student Chapter of the Association for Computing Machinery.

## 2014

- 2014-12 Cyberbullying Awareness Training (1 hr); – for Rooks [organizer & speaker (15 minutes)] Artificial Intelligence (1 hr); & Social Engineering (1 hr); lectures for ACM Student Chapter at Norwich University.  
2014-08 CJ 341 Cyberlaw & Cybercrime (3 hr/wk); IS340 Introduction to Information Assurance (3 hr/wk); IS455 Strategic Applications of Information Technology (3h/wk); QM213 Introduction to Statistics for Business & Management (3 hr/wk). Norwich University.  
2014-04 Theory of Nymity (1 hr) lecture for ACM Student Chapter at Norwich University  
2014-01 IS342 Management of Information Assurance (3 hr/wk); IS406 Special Topics (3 hr/wk); IS407 Politics of Cyberspace (3 hr/wk);

QM213A&B Introduction to Statistics for Business & Management (3 hr/wk) – 2 sections. Norwich University

## 2013

- 2013-08 CJ 341 Cyberlaw & Cybercrime (3 hr/wk);  
IS340 Introduction to Information Assurance (3 hr/wk);  
IS455 Strategic Applications of Information Technology (3hr/wk);  
QM213 Introduction to Statistics for Business & Management (3 hr/wk). Norwich University.
- 2013-04 Readings: Sherlock Holmes (1 hr each: 3-10-17 Apr);  
Kreizberg Library Multipurpose Room
- 2013-03 Readings: Sherlock Holmes (1 hr each: 6-20-27 Mar);  
Kreizberg Library Multipurpose Room
- 2013-02 Readings: Sherlock Holmes (1 hr each: 13-20-27 Feb);  
Kreizberg Library Multipurpose Room
- 2013-01 IS342 Management of Information Assurance (3 hr/wk);  
IS407 Politics of Cyberspace(3 hr/wk);  
QM213A&B Introduction to Statistics for Business & Management (3 hr/wk) – 2 sections. Norwich University

## 2012

- 2012-12 Readings: Poems by Coleridge, Wordsworth & Hopkins (1 hr 3 Dec); Kreizberg Library Multipurpose Room
- 2012-11 Readings: science fiction (1 hr 5 Nov), Sherlock Holmes (1 hr 12 Nov), Chaucer's Canterbury Tales (1 hr 26 Nov); Kreizberg Library Multipurpose Room.
- 2012-08 CJ 341 Cyberlaw & Cybercrime (3 hr/wk);  
IS301 Systems Engineering I (3hr/wk);  
IS340 Introduction to Information Assurance (3 hr/wk);  
IS455 Strategic Applications of Information Technology (3hr/wk);  
QM213 Introduction to Statistics for Business & Management (3 hr/wk). Norwich University.
- 2012.07 Academic Dishonesty in Online Courses. Workshop (1 hr) eCampus6 Security Conference, Dartmouth College, Hanover, NH.
- 2012-01 IS342 Management of Information Assurance (3 hr/wk);  
IS407 Politics of Cyberspace (3 hr/wk);  
QM213A&B Introduction to Statistics for Business & Management (3 hr/wk) – 2 sections. Norwich University.

## 2011

- 2011-08 CJ 341 Cyberlaw & Cybercrime (3 hr/wk);  
IS340 Introduction to Information Assurance (3 hr/wk);  
IS455 Strategic Applications of Information Technology (3hr/wk);  
QM213 Introduction to Statistics for Business & Management (3 hr/wk). Norwich University.
- 2011-05 IS340 Introduction to Information Assurance (summer course online)
- 2011-04 History of WikiLeaks (30 min); WikiLeaks Colloquium, Norwich University/Vermont InfraGard (organizer & chair)
- 2011-02 Information Warfare Doctrine in the PRC (1 hr) lecture in "China Comes to Norwich" Faculty Lecture Series
- 2011-01 IS342A Management of Information Assurance (3 hr/wk);  
IS407A Politics of Cyberspace (3 hr/wk);  
QM213 Introduction to Statistics for Business & Management (3 hr/wk) – 2 sections. Norwich University.

## 2010

- 2010-08 IS100 Foundations of Computer Science & Information Assurance (shared with 4 other professors) (3 hr/wk);  
CJ 341 Cyberlaw & Cybercrime (3 hr/wk);  
IS340 Introduction to Information Assurance (3 hr/wk);  
IS455 Strategic Applications of Information Technology (3hr/wk);  
QM213 Introduction to Statistics for Business & Management (3 hr/wk). Norwich University.
- 2010-03 The Science & Technology of Faces (1 hr); lecture inaugurating Sullivan Museum series (with Dr D. N. Black, MD)
- 2010-02 Using WORD features to Provide Feedback to Students (1 hr); School of Business & Management faculty lecture series
- 2010-01 IS102 Introduction to Informatics 2 (shared with 3 other professors) (1 hr/wk);  
IS240 Database Management Systems (3 hr/wk);  
IS300B Management Information Systems independent study (3 hr/wk);  
IS342A Management of Information Assurance (3 hr/wk);  
IS342B Management of Information Assurance independent study (3 hr/wk);  
IS406B Politics of Cyberspace (3 hr/wk);  
QM213 Introduction to Statistics for Business & Management (3 hr/wk) – 2 sections. Norwich University.

## 2009

- 2009-09 CJ 341 Cyberlaw & Cybercrime (3 hr/wk);  
IS101 Introduction to Informatics 1 (shared with 3 other professors) (1 hr/wk);  
IS340 Introduction to Information Assurance (3 hr/wk);  
IS455 Strategic Applications of Information Technology (3hr/wk). Norwich University.
- 2009.06 Sixth Annual MSIA Graduate Security Conference: Director's Address (1 hr);  
Legal Aspects of Investigating & Prosecuting Computer Crimes (3½ hr).
- 2009.05 Introduction to Intellectual Property Law. Bootcamp Workshop (4 hr). 13th Colloquium on Information Systems Security Education. Seattle, WA.
- 2009.01 IS406B Politics of Cyberspace (3 hr/wk). Norwich University.

## 2008

- 2008.11 Authentication of Remote-Learning Students: On the Internet Nobody Knows Your're a Dog. Workshop (1 hr) eCampus Security 2.0 Conference, Dartmouth College, Hanover, NH.
- 2008.08 CJ 341 Cyberlaw & Cybercrime (3 hr/wk). Norwich University.
- 2008.06 Fifth Annual MSIA Graduate Security Conference: Director's Address (1 hr);  
Human Factors in Management of IA (1 day);  
Intellectual Property Law (4 hrs)

- 2008.05 IA in an Open Environment (1 hr); Information Systems Security Association Central Ohio InfoSec Summit, Cincinnati, OH;  
The Norwich MSIA After Six Years: A Guided Tour (1 hr);  
Workshop on Human Factors in Management of IA (1 day):
- \* Security policy guidelines
  - \* Security awareness
  - \* Employment practices & policies
  - \* Operations security
  - \* E-mail and Internet use policies
  - \* Social psychology and INFOSEC
  - \* Developing security policies
- 2008.04 Social Psychology & INFOSEC. Mount Holyoke Community College Security Symposium. (1 hr) Mount Holyoke, MA.
- 2008.03 The MSIA after Six Years (45 min). Federal Information Systems Security Educators' Conference, Gaithersburg, MD.
- 2008.02 La sécurité informatique dans un environnement de réseaux ouverts (45 min, in French). Conférence Boule de Cristal 2008, Montréal;  
Facteurs humains dans la gestion de la sécurité informatique (8 hr, in French). Atelier, Institute de sécurité informatique du Québec, Montréal.
- 2007**
- 2007.10 Prioritizing Information Security Issues for Colleges & Universities (20 min). Securing the eCampus 2.0: Building a Culture of Information Security in an Academic Institution. Dartmouth College, Hanover NH;  
Protecting Data at Rest (60 min). Information Systems Security Association Hartford, CT Chapter Meeting.
- 2007.08 CJ 341 Cyberlaw & Cybercrime (3 hr/wk). Norwich University.
- 2007.06 GI554 Computer Security Incident Response Team Management (6 hr/wk) Norwich University School of Graduate Studies, MSIA Program.
- 2007.02 Industrial Espionage (90 min). Guest lecturer – Manufacturing Processes course (Prof Ed Buturla), University of Vermont
- 2007.01 IS342 Management of Information Assurance (3 hr/wk); IS240 Database Management Systems (3 hr/wk); IS102 Introduction to Informatics II (1 hr/wk). Norwich University
- 2006**
- 2006.08 CJ 341 Cyberlaw & Cybercrime (3 hr/wk); & IS455 Strategic Applications of Information Technology (3 hr/wk). Norwich University.
- 2006.08 Effective Leadership (1 hr); Organizational Psychology (1 hr). Norwich University ROTC Cadre Training.
- 2006.06 Information Warfare (4 hr). Advanced Course in Engineering Cyber Security Boot Camp. Rome, NY for Syracuse University
- 2006.06 INFOSEC UPDATE (16 hr); & Security, Psychology & Society (1 hr). Norwich University Information Assurance Graduate Conference.
- 2006.02 Le rôle des gestionnaires dans la lutte contre l'espionnage industriel (1 hr). Invited lecture at conference La Boule de Cristal du CRIM, organized by the Centre de la Recherche Industriel de Montréal, Canada.
- 2006.01 Rosa Parks: American Hero (1 hr). Biographical lecture and slide show as part of Martin Luther King Day celebrations at Norwich University.
- 2006.01 INFOSEC UPDATE (16 hr). Rome NY for Syracuse University.
- 2006.01 IS342 Management of Information Assurance (3 hr/wk); IS240 Database Management Systems (3 hr/wk); IS102 Introduction to Informatics II (1 hr/wk). Norwich University
- 2005**
- 2005.08 IS340 Introduction to Information Assurance (3 hr/wk); IS353 COBOL (3 hr/wk). Norwich University
- 2005.07 Information Warfare (7 hr). Advanced Course in Engineering Cyber Security Boot Camp. Rome, NY for Syracuse University
- 2005.06 INFOSEC UPDATE (8 hr). Norwich University Information Assurance Graduate Conference.
- 2006.04 MSIA Seminar 4: Prevention – Human Factors. (6 credits, 11 weeks, 8 hr/wk). Norwich University.
- 2005.03 Information Assurance Teaching Resources on the Web: Mich's Grab-Bag. Federal Information Systems Security Educators' Association Annual Meeting, Baltimore, MD (delivered remotely)
- 2005.01 IS342 Management of Information Assurance (3 hr/wk); & IS240 Database Management Systems (3 hr/wk). Norwich University
- 2004**
- 2004.09 Electronic Voting Discussion (1.5 hr), Randolph, VT
- 2004.09 VT INFOSAFE presentation (1.5 hr), Vermont College, Montpelier (via instructional TV)
- 2004.08 VT INFOSAFE presentation, Champlain Valley PC Users' Group (2 hr), Burlington, VT
- 2004.06 INFOSEC Update (16 hr), Norwich University Master's in Information Assurance Residency, Northfield VT
- 2004.05 New England Information Security Group: Social Psychology and INFOSEC (1 hr), Waltham, MA
- 2004.01 Panel discussion on electronic voting (2 hr), Voting Protection Act – People's Assembly for Justice & Peace Vermont, Montpelier.
- 2004.01 IS102 Fundamentals of Informatics (total 8 hrs in term); IS 120 Business Applications and Problem Solving (3 hr/week); IS 240 Database Management Systems (3 hr/week); IS342 Management of Information Assurance (3 hr/week).
- 2003**
- 2003.08 IS 101 Fundamentals of Informatics (total 6 hrs in term); IS 301 Software Engineering (3 hr/week); IS 340 Introduction to Information Assurance (3 hr/week); The Art of Technical Support (1 hr/week). Norwich University, Northfield, VT.
- 2003.07 Fundamentals of INFOSEC (1 hr). VITA Learn Conference, Norwich University, Northfield VT.
- 2003.06 The Norwich MSIA Program (20 min). Invited speaker, Distance Education Panel, 7<sup>th</sup> Colloquium on Information Systems Security Education, Washington, DC.
- 2003.03 INFOSEC Update 2003 (16 hr); and What's Wrong with INFOSEC (30 min) – plenary;



- 5<sup>th</sup> Annual e-ProtectIT Infrastructure Protection Conference, Norwich University, Northfield, VT.
- 2003.03 US Civil Liberties Post 9/11: A panel discussion hosted by Channel 17, RETN and VCAM. Recorded: 3/19/03. <http://real21mt.audiovideoweb.com/ramgen/avwebmt1257/031903b.rm>
- 2003.03 Why a White Jewish Boy from Canada is a Member of the NAACP. Lecture on Jews in the Fight Against Racism in America (1 hr). Ohavi Zedek Synagogue, Burlington, VT.
- 2003.01 Why a White Boy from Canada is a Member of the NAACP (1 hr). Martin Luther King, Jr celebrations, Norwich University.
- 2003.01 IS 240 Database Management Systems (3 hr/week); IS 302 Structured Systems Design II (3 hr/week); IS455 Management of Information Assurance (3 hr/week Norwich University, Northfield, VT.
- 2002**
- 2002.12 Information Security on a Budget (1 hr). Keynote speaker, Network World Deutschland Sicherheit Konferenz, Munich, Germany. Via interactive television hookup.
- 2002.09 What's wrong with INFOSEC (1 hr). Keynote speaker, e-Gov Conference, Washington DC.
- 2002.09 IS 340 Introduction to Information Assurance (3 hr/wk), CJ 341 Cybercrime (3 hr/wk), IS 101 Fundamentals of Informatics (total 6 hrs in term), MSIA Seminar 1: Fundamentals (11 weeks). Norwich University, Northfield, VT.
- 2002.05 Cyberspace Safety (2.5 hr). Presented to spouses of Board of Trustees, Norwich University, Northfield VT.
- 2002.03 INFOSEC UPDATE 2002 (16 hr), 4<sup>th</sup> Annual e-ProtectIT Infrastructure Protection Conference, Norwich University, Northfield, VT.
- 2002.02 Keynote speaker, Network World Deutschland Computer Sicherheit Konferenz III– Dusseldorf: Bugs, Flaws and Features (1 hr); Social Psychology and INFOSEC (1 hr).
- 2002.01 IS 240 Database Management Systems (3 hr/week); QM 317 Advanced Econometrics (3 hr/week): Norwich University, Northfield, VT.
- 2001**
- 2001.12 Keynote speaker, Network World Deutschland Computer Sicherheit Konferenz II– Munich: Bugs, Flaws and Features (1 hr); Social Psychology and INFOSEC (1 hr).
- 2001.10 Tutorial: Cryptography and Steganography, Vermont InfraGard Meeting, Montpelier VT (3 hr).
- 2001.09 Social Psychology and INFOSEC (1 hr), Department of Communications guest lecture; Information Warfare (1 hr), lunchtime lecture, Department of Psychology; Norwich University, Northfield, VT.
- 2001.09 IS 130 Introduction to Computers and Programming (6 hrs/week); IS 340 Information Security (3 hrs/week); CJ 341 Cybercrime (3 hrs/week): Norwich University, Northfield, VT.
- 2001.07 Keynote speaker, *Network World Deutschland* Computer Sicherheit Konferenz – Munich: The State of INFOSEC (3 hr).
- 2001.06 Program chair and moderator, *Network World* Security Events — San Francisco, Los Angeles, Dallas; The State of INFOSEC (keynote speech, 1.5 hr)
- 2001.05 Program chair and moderator, *Network World* Security Events — Chicago, Toronto, Washington DC, New York City, Boston; The State of INFOSEC (keynote speech, 1.5 hr)
- 2001-03 INFOSEC Update 2001 (16 hr); and The Future of INFOSEC (1 hr), 3rd Annual e-ProtectIT Infrastructure Protection Conference, Norwich University, Northfield, VT.
- 2001.03 Resources for INFOSEC educators (30 min). Invited lecturer, Annual Meeting of the Federal Information Systems Security Educators' Association (FISSEA), Gaithersburg, MD.
- 2001.02 Computer crime review (4 hr). Invited lecturer, Cybercrime Summit, Washington DC. Organized by the American Society for Industrial Security (ASIS).
- 2000**
- 2000.11 Internet Content Filtering and Monitoring in Schools and Libraries (1 hr); also panelist (1 hr). Invited speaker, Schools & Technology: Policy Issues for the Millennium, Glens Falls, NY. Organized by the Science & Technology Law Center of Albany Law School, Education 21 and the WSWHE Board of Cooperative Educational Services.
- 2000.10 Information Security Year in Review: Computer Crime (1.5 hr). 23<sup>rd</sup> National Information Systems Security Conference, Baltimore, MD.
- 2000.06 Risk Management (1 hr). Invited speaker, Information Systems Security Association (ISSA) Northeast Chapter Annual Meeting, Boston MA.
- 2000.04 INFOSEC Update (2 days). MIS Training Institute, Orlando FL
- 2000.03 Resources for INFOSEC Educators (1 hr). Invited speaker, Federal Information Systems Security Educators' Association (FISSEA), Washington DC.
- 2000.03 Current Development in Cyber-Crime (1 hr). Invited speaker, NATO HQ, Brussels.
- 2000.03 INFOSEC Update (1 day); and Panel on Privacy in Europe (Chair, 1.5 hr). 9th Annual Conference of the European Institute for Computer Anti-virus Research (EICAR), Brussels.
- 2000.01 INFOSEC 101 (1 hr); Internal staff training, ICISA.net.
- 1999**
- 1999.11 Introduction to Information Warfare (1 hr). Invited speaker, Norwich University, Northfield VT.
- 1999.10 Overview of Computer Crime 1999 (90 min). NIST/NCSC 22nd National Information Systems Security Conference, Baltimore, MD.
- 1999.06 Fraud in Cyberspace (1 hr). Invited speaker, 58th Annual Congress of the Institute of Internal Auditors, Montréal, QC
- Anonymity and Pseudonymity in Cyberspace: Deindividuation, Incivility and Lawlessness Versus Freedom and Privacy (1 hr). IVR-99 -- World Congress on Philosophy of Law and Social Philosophy, Pace University, New York City -- June 24-30, 1999
- 1999.05 The State of the Security Market (1 hr). Netrex Security Symposium, Detroit, MI.

- Fraud in Cyberspace (1 hr). ICSA Internal Training, Teleconference for Carlisle, PA & Reston, VA HQ
- 1999.04 The State of Security (1 hr); and Risk Management (1 hr). GartnerGroup/ICSA E-Commerce Security Conference, New York City.
- 1999.03 Security News Update (2 hrs)— ICSA Internal Training, Carlisle, PA  
Information Warfare Principles & Cases (3 hr). Invited speaker, US Army War College, Carlisle, PA.
- 1999.02 Security News Update (2 hrs)— ICSA Internal Training, Reston VA.
- 1999.01 Teaching for Banque de la République d’Haïti, Port au Prince, Haiti (in French):  
An Introduction to INFOSEC for Bankers (3.5 hours);  
Contingency Planning for the Y2K Transition (1.5 days);  
INFOSEC Update (3 days)
- 1998**
- 1998.12 New employee training — Corporate Security (2 hr). ICSA HQ.
- 1998.11 King Log and King Stork: Mandatory Reporting of Information Security Incidents (1 hr); and Overview of Computer Crime in 1997-8 (3 hr). ICSA Corporate Forum, Tucson, AZ.
- 1998.11 Computer Crime and You. Invited speaker for lectures (45 min) to 5 grades (6, 7, 8, 10, 12) in the Solomon Schechter School, Millburn, NJ.
- 1998.10 Information Security Update (2 hr, with David Kennedy of ICSA). NIST/NCSC 21<sup>st</sup> National Information Systems Security Conference, Arlington, VA.
- 1998.09 Humanizing Cyberspace -- Keynote Address, Fall Perspectives Series — “Cyberwhat.lvc.edu” (1 hr); also US Cryptography Policy (Political Science class, 1 hr);  
Quality Assurance (Advanced Programming class, 1 hr);  
Ethical Decision-Making (Advanced Ethics class, 1 hr); Lebanon Valley College, Anneville, PA.
- 1998.09 Information Security Resources on the Web (1.5 hr), ICSA HQ staff lecture.
- 1998.08 Overview of Information Security (3 hr). Banque de la République d’Haïti, Port au Prince, Haïti.
- 1998.05 Data Communications: Principles and Applications (40 hr). John Abbott College Programmers’ Course JPC 31), Ste-Anne de Bellevue, QC.  
Data Communications: Principles and Applications (40 hr). John Abbott College Programmers’ Course JPC 32), Ste-Anne de Bellevue, QC.
- 1998.05 Teaching in Japan for ICSA  
Current Threats and Vulnerabilities (1 hr), NCSEC, Osaka, Japan.  
ICSA Web Certification Overview (8 hr), HUCOM, Tokyo, Japan.  
Current Threats and Vulnerabilities (1 hr), NCSEC, Tokyo, Japan.
- 1998.04 Recent Computer Crime Cases (1 hr). Information Security Conference, Oslo, Norway.  
The State of the Internet: Risks (1.5 hr). Gartner Group Internet and Electronic Commerce Conference, New York.  
Infowar and the ICSA (2 hr). Invited speaker, US Army War College, Carlisle, PA.  
The State of the Internet: Risks (1.5 hr). ICSA HQ staff lecture, Carlisle, PA.  
Web Certification Training (14 hr). NETREX, Arlington, VA.
- 1998.03 Anonymity and Pseudonymity on the Internet (1 hr). European Institute for Computer Anti-virus Research, Munich, Germany.
- 1998.02 Internet, Intranet and Extranet Security (3 hr). Invited speaker, Association de sécurité informatique de Montréal métropolitain, Montréal
- 1998.01 Medical Informatics Security (1 hr). Dartmouth Medical School, Hanover NH
- 1997**
- 1997.11 Internet Security (2 hr); National Managed Health Care Conference, Los Angeles, CA  
Protecting your reputation in cyberspace (2 hr); Lally School of Business, Rensselaer Polytechnic Institute, Troy, NY.  
Current Topics in Cyberspace Law (2 hr); Albany Law School, Albany, NY  
Internet Security (2 hr); American Society for Industrial Security and Special Library Association, Liberty Corner, NJ
- 1997.10 INFOSEC Update 97.10 (12 hr); NCSA Firewalls and Network Security Conference, San Jose, CA
- 1997.09 Computer Crimes of 1997 (4 hr); and InfoWar Case Studies (30 min); NCSA Seventh International Conference on Information Warfare, Arlington, VA.  
Hot Topics in Information Technology: Information Security, The Year 2000 Problem, Emerging Internet Vulnerabilities, and Ethical Decision-Making in High Technology (40 hr). John Abbott College Programmers’ Course (JPC 30), Ste-Anne de Bellevue, QC.  
INFOSEC Review (45 min); RCMP Annual Informatics Conference, Montreal, QC
- 1997.08 INFOSEC Update 97.08 (16 hr); NCSA Electronic Commerce Conference, Arlington, VA  
Data Communications: Principles and Applications (40 hr). John Abbott College Programmers’ Course JPC 30), Ste-Anne de Bellevue, QC.
- 1997.06 Introduction to INFOSEC (7 hr); and Intro to Medical INFOSEC (7 hr). Pre-conference course; and Educating Upper Management about INFOSEC (45 min), plenary lecture; and Panel Chair, Global Standards in Medical Informatics (1 hr); NCSA Medical Informatics Security Conference, Arlington, VA.
- 1997.05 Introduction to INFOSEC (3.5 hr); and Industrial Espionage and Sabotage: The Year in Review (30 min). NCSA Sixth International

- Conference on Information Warfare, Brussels, Belgium.
- Quality Assurance: An Introduction for Programmers (24hr). John Abbott College Programmers' Course (JPC 30), Ste-Anne de Bellevue, QC.
- 1997.04 Quality Assurance: An Introduction for Programmers (24hr). John Abbott College Programmers' Course (JPC 29), Ste-Anne de Bellevue, QC.
- The Art of Technical Support (45 hr). Technical Support Program (TSP 9), John Abbott College, Ste-Anne de Bellevue, QC.
- INFOSEC Update 97 (16 hr). Pre-conference seminar, NCSA Firewalls, Web and Internet Security Conference, Washington DC.
- Hot Topics in Information Technology: Information Security, The Year 2000 Problem, Emerging Internet Vulnerabilities, and Ethical Decision-Making in High Technology (40 hr). John Abbott College Programmers' Course (JPC 29), Ste-Anne de Bellevue, QC.
- 1997.03 Data Communications: Principles and Applications (40 hr). John Abbott College Programmers' Course JPC 29), Ste-Anne de Bellevue, QC.
- 1997.02 INFOSEC and InfoWar (30 min). Pointe Claire Rotary Club.
- Introduction to INFOSEC (6 hr). NCSA International Banking and Information Security Conference, New York.
- 1997.01 INFOSEC Update 97 (16 hr). Pre-conference seminar, NCSA International Virus Prevention Conference, Arlington, VA.
- The Art of Technical Support (45 hr). Network Administration Program (NAP-1), John Abbott College, Ste-Anne de Bellevue, QC.
- 1996**
- 1996.12 The Art of Technical Support (45 hr). Application Support Program (ASP-1), John Abbott College, Ste-Anne de Bellevue, QC.
- 1996.11 Panel Chair, Ethical Online Marketing; and Hiring and Firing Trusted Network Employees (1 hr). CyberRisk '96 Conference (NCSA), Arlington, VA.
- 1996.10 Panel Chair, Interdisciplinary Perspectives on INFOSEC: Mandatory Reporting. 19<sup>th</sup> National Information Systems Security Conference (NIST & NCSC), Baltimore, MD
- 1996.09 Hot Topics in Information Technology: Internet Commerce and Information Security (40 hr). John Abbott College Programmers' Course, Ste-Anne de Bellevue, QC.
- Protecting Your Corporate Image in Cyberspace (1 hr). NCSA Firewalls, Web and Internet Security '96, San Jose, CA. (1 hr)
- Anonymity in Cyberspace (1 hr). 18th International Privacy and Data Protection Conference, Ottawa. International Privacy Commissioners Association.
- 1996.08 Data Communications: Principles and Applications (40 hr); and
- Quality Assurance: An Introduction for Programmers (24hr). John Abbott College Programmers' Course, Ste-Anne de Bellevue, QC.
- 1996.06 INFOSEC Update 96 (16 hr). Information warfare, computer crime update, commerce on the Internet, cryptography, CERT/CIAC alerts, firewall certification, psycho-social factors in security policy, security certification. NCSA & Institute for Government Informatics Professionals, Ottawa / Hull, QC.
- 1996.05 The Great Hacker Debate (1 hr). Panel discussion (moderator and speaker). CMP / Gartner Group / NCSA 2nd Annual Information Security Conference, Chicago.
- Defending Against the Internet (1.5 hr). Panel discussion (moderator and speaker). NCSA's 4th International Conference on Information Warfare, Brussels.
- 1996.04 The Art of Technical Support (45 hr). John Abbott College, Ste-Anne de Bellevue, QC.
- Hot Topics in Information Technology: Internet Commerce and Information Security (40 hr). John Abbott College Programmers' Course, Ste-Anne de Bellevue, QC.
- Computer Viruses: More than a Technical Issue. Moderator of Panel Discussion (90 min.) at NCSA International Virus Prevention Conference, Arlington, VA.
- 1996.03 Data Communications: Principles and Applications (32 hr); and
- Quality Assurance: An Introduction for Programmers (32hr). John Abbott College Programmers' Course, Ste-Anne de Bellevue, QC.
- Ethics in Cyberspace. Seminar for Westmount High School Home and School Association (1 hr).
- 1996.02 INFOSEC: Mission, Threats and Vulnerabilities. On-line seminar for NCSA (20 working days).
- Sécurité informatique: Questions importantes (1 hr). Chambre de Commerce de Drummondville.
- 1996.01 Ethics in Cyberspace. Seminar for children (2 hr), UTT Schools of Montreal. Repeated for Home and School Association (2 hr).
- Information Warfare: News from the Front (1 hr). Society of Canadian Office Automation Professionals, Ottawa.
- 1995**
- 1995.12 Internet Security (1 hr). Electronic Commerce for Survival 95. Electronic Commerce Association and the Canadian Industry Steering Group. Ottawa.
- Ethics in Cyberspace. Seminar for children (2 hr), UTT Schools of Montreal.
- The Art of Technical Support (45 hr). John Abbott College, Ste-Anne de Bellevue, QC.
- 1995.11 Psycho-Social Perspectives on Computer Crime (8 hr). Invited speaker, Allied Command Europe, Counterintelligence Activity (LATHE GAMBIT) Meeting, Garmisch, Germany.
- INFOSEC and InfoWar: A Report from the Front (2 hr). McGill Management Network, Montreal.

- 1995.09 Hackers: Amoral Sociopathic Scum or National Resource? Debate (1 hr), NCSA Third International Conference on Information Warfare, Crystal City, VA.  
Information Security for Programmers (8 hr) and Hot Topics in Information Technology (32 hr). John Abbott College Programmers' Course, Ste-Anne de Bellevue, QC.  
T27 Information Technology Security (39 hr). The Institute for Government Informatics Professionals, Public Works and Government Services Canada, Hull, QC in conjunction with University of Ottawa.
- 1995.08 Human Factors in Computer Systems Management (8 hr). INTEREX, the International Association of HP Computer Users, Annual Conference, Toronto, ON.
- 1995.06 Security for Accountants (1.5 hr). Order of Professional Accountants of Quebec, Montreal, QC.
- 1995.05 Morality in Cyberspace: An Evening for Kids and Parents (3 hr). Congregation Dorshei Emet, Hampstead, QC.  
Computer Crime and Countermeasures. On-line seminar for NCSA (20 working days).
- 1995.04 Information Security and Ethics for Programmers (8 hr); and  
Strategic Applications of Information Technology (32 hr). John Abbott College Programmers' Course, Ste-Anne de Bellevue, QC.
- 1995.03 Medical Information Security--An Overview (1 hr). American Association for Clinical Information Systems, Snowbird Resort, Utah.
- 1995.02 The Art of Technical Support (40 hr). John Abbott College Programmers' Course, Ste-Anne de Bellevue, QC.  
Disaster Recovery Planning in a Client/Server Environment (2 hr). Association for Systems Management, Montreal, QC.
- 1995.01 Second International Conference on Information Warfare. Program Chair and Convenor. NCSA, Montreal, QC.
- 1994**
- 1994.10 Totem and Taboo: Civility and Vandalism in Cyberspace (30 min) and  
Interdisciplinary Perspectives on INFOSEC: Bringing the Humanities into Cyberspace. Panel Discussion, 90 min. 17th National Computer Security Symposium, Baltimore, MD.  
Psycho-Social Factors in the Implementation of Information Security Policies (3.5 hr). Canadian Information Processing Society (CIPS) Annual Meeting, Edmonton, AB.
- 1994.09 Kerberos (1 hr). Montreal UNIFORM.  
Human Factors in Computer Systems Management (8 hr). INTEREX Annual Conference, Denver, CO.  
T27 Information Technology Security (39 hr). The Institute for Government Informatics Professionals, Public Works and Government Services Canada, Hull, QC in conjunction with University of Ottawa.
- 1994.08 Information Security for Programmers (8 hr) and  
Hot Topics in Information Technology (32 hr). John Abbott College Programmers' Course, Ste-Anne de Bellevue, QC.
- 1994.06 Comment vous assurer de la sécurité dans un environnement de client/serveur? (1 hr) Institute for International Research, Client-Server Computing Symposium, Montreal, QC.  
La sécurité des systèmes distribués (45 min). SAI Québec Seminar on Current Issues in Corporate Computing, Montreal, QC.
- 1994.05 Psycho-Social Factors in the Implementation of Information Security Policies (1 hr). U.S. Department of Energy Computer Security Training Conference, Denver, CO.  
Psycho-Social Factors in the Implementation of Information Security Policies (45 min). Sixth Annual Canadian Computer Security Symposium, Ottawa, ON.  
Lessons for Security from Social Psychology (1.5 hr). Ottawa Valley Regional HP Computer Users' Group, Ottawa, ON.
- 1994.04 People to People Computer Security Delegation to China: Overview of Computer Crime and Countermeasures (1 hr). Guangdong Province Bureau of Public Security, Guangzhou.  
Overview of Physical Security (45 min). Guangdong Province Bureau of Public Security, Guangzhou.  
Computer Crime Against Banking Institutions (30 min). Bank of China, Beijing.  
Physical Security and Access Controls for Computer Centres (1 hr). Bank of China, Beijing.  
Overview of Computer Crime and Countermeasures (1 hr). Ministry of Public Security, Beijing.
- 1994.03 Human Factors in Computer Systems Management (8 hr). Executive INTEREX Symposium, New Orleans, LA.  
Information Systems Security (24 hr). NCSA, Washington, DC.  
Psycho-Social Factors in the Implementation of Information Security Policies. NCSA Annual Conference, Washington, DC.
- 1994.02 Business Resumption Planning (8 hr);  
Medical Systems Security (8 hr).  
Information Systems Security (24 hr). NCSA, Washington, DC.  
Social Psychology and INFOSEC: Psycho-social factors in the implementation of information security policies. Keynote address, Federal Information Systems Security Educators' Association, Washington DC.
- 1993**
- 1993.12 Information Systems Security (24 hr). NCSA, Los Angeles, CA.  
Introductory Security Officer Training (8 hrs x 2). Dept Health and Human Services, Washington, DC.
- 1993.11 Management Skills for Computer Operations Managers (24 hr). McGill University Management Institute, Montreal.
- 1993.09 Social psychology and INFOSEC: Psychosocial factors in the implementation of information security policy (20 min). NIST/NCSC 16th National Computer Security Conference, Baltimore MD.  
The Elements of Management Style (3 hr). INTEREX '93, Annual Meeting of the International Association of HP Computer Users, San Francisco.  
Client/Server Security (1 hr). Association for Systems Management, Montreal.



- First International Conference on Information Warfare, Montreal, QC. (Program Chair and French Keynote speaker)
- 1993.06 Information Systems Security (24 hr). NCSA, Washington, DC.  
Talking to upper management about security (1 hr). NCSA InfoExpo Conference, Washington, DC.
- 1993.05 Information Systems Security (24 hr). NCSA, Boston MA; McGill Management Institute, Toronto, ON.  
Social Psychology for Managers (4.5 hr). McGill University Management Institute Corporate Counsel Management Program, Montreal, QC.
- 1993.04 Information Systems Security (24 hr). NCSA, Denver, CO.  
Computer Systems Management (24 hr). McGill Management Institute, Toronto, ON.  
Building your Information Security Program. Federal Office Systems Exposition, Washington, DC.
- 1993.03 Information Systems Security (24 hr). NCSA, Atlanta, GA.  
TurboIMAGE/3000 Performance Optimization (16 hr); Data Communications (16 hr). John Abbott College, Ste-Anne de Bellevue
- 1993.02 Effective Use of the HP3000 (24 hr) John Abbott College, Ste-Anne de Bellevue, QC.  
Information Systems Security (24 hr). NCSA, San Francisco, CA.  
Chair, panel discussion: Vandals in Cyberspace; Moderator, round table discussion: Legal Issues: NCSA Anti-Virus West Conference, San Francisco.  
Information Security (1.5 hr). Help-Desk Institute, Ottawa.
- 1993.01 Information Systems Security (24 hr). NCSA, New York, NY.  
Executive Overview of Information Technology (16 hr). Montreal.
- 1992**
- 1992.12 Information Systems Security (24 hr). NCSA, Dallas, TX.
- 1992.11 Information Systems Security (24 hr). NCSA, Washington, DC.
- 1992.10 Securing your PC (1 hr). Rocky Mt ComputerCon, Denver.  
Network Security Panel (1.5 hr).  
Telecommunications Association of America. San Diego.  
Information Systems Security (24 hrs). NCSA, Los Angeles.  
Data Communications (16 hr). John Abbott College, Ste-Anne de Bellevue
- 1992.08 Data Center Management: Human Factors (3 hr);  
Corporate IS Resources (3 hr);  
Problem-Solving (1 hr). INTEREX Annual Meeting, New Orleans.
- 1992.07 TurboIMAGE/3000 Performance Optimization (16 hr).  
John Abbott College, Ste-Anne de Bellevue, QC
- 1992.06 Information Systems Security (24 hr). National Computer Security Association (NCSA) Virus Prevention Conference, Washington, DC.  
Sécurité informatique (24 hr). Montréal.  
Effective Use of the HP3000 (24 hr) John Abbott College, Ste-Anne de Bellevue
- 1992.05 Human Factors in Data Centre Management (1.3 hr).  
Annual Meeting, Association for Systems Management, Montreal.
- 1992.04 TurboIMAGE/3000 Performance Optimization (16 hr);  
Data Communications (16 hr). John Abbott College, Ste-Anne de Bellevue  
Data Centre Management (24 hr). Ottawa/Hull.
- 1992.02 Effective Use of the HP3000 (24 hr) John Abbott College, Ste-Anne de Bellevue  
Human Factors in Data Centre Management: Social Psychology and Management (3 hr). OVRUG, Ottawa.
- 1992.01 Gestion du centre informatique (24 hr). Hewlett-Packard (Canada), Kirkland, QC
- 1991**
- 1991.12 Human Factors in Data Centre Management: Insights from Research in Social Psychology (1hr). MTLRUG, Montréal.
- 1991.10 Gestion du centre informatique (24 hr);  
Sécurité informatique (24 hr) Hewlett-Packard (Canada), Kirkland  
HP3000 Fundamentals (16 hr);  
TurboIMAGE/3000 Fundamentals (8 hr). Montréal.
- 1991.09 TurboIMAGE/3000 Performance Optimization (16 hr);  
Data Communications (24 hr). John Abbott College, Ste-Anne de Bellevue
- 1991.08 Performance Analysis Methodology;  
Human Factors in Data Center Management;  
Information Security Management Issues;  
Information Security Technical Issues. 3-hr workshops at INTEREX Annual Meeting, San Diego, CA
- 1991.04 TurboIMAGE/3000 Performance Optimization (16 hr);  
Data Communications (16 hr). John Abbott College, Ste-Anne de Bellevue  
Information Security (16 hr)  
Hewlett-Packard (Canada), Kirkland
- 1991.03 Effective Use of the HP3000 (16 hr) John Abbott College, Ste Anne de Bellevue, QC.
- 1991.02 Information Security for Accountants (2 hr). Accountants' Study Group, Montréal.
- 1990**
- 1990.12 Gestion du centre informatique (1 hr). QcRUG (Quebec City Regional HP3000 Users' Group), Quebec City.  
HP3000 Toolkit (1 hr). OVRUG (Ottawa Valley Regional HP3000 Users' Group) Ottawa.
- 1990.10 HP3000 Toolkit (8 hr);  
Effective Use of the HP3000 (16 hr) Montréal.
- 1990.09 TurboIMAGE Performance Optimization (16hr); John Abbott College, Ste-Anne.  
Security Issues for Law Firms (1 hr). Harris and Paulson Users' Group, Denver.
- 1990.08 TurboIMAGE Performance Optimization (2 hr);  
Performance Analysis Methodology and Case Studies (2 hr). INTEREX Annual Meeting, Boston.  
Effective Use of the HP3000 (16 hr);  
Data communications (16 hr). John Abbott College, Ste-Anne de Bellevue, QC.
- 1990.07 HP3000 Toolkit (8 hr).  
John Abbott College, Ste-Anne de Bellevue, QC.
- 1990.06 Data Center Operations Overview (1.5 hr). North Texas Regional HP3000 Users' Group.  
Effective Use of the HP3000 (16 hr);  
IMAGE/3000 Performance (8 hr). HP3000 Toolkit (8hr) Toronto.
- 1990.05 Human Factors in DP Management: The Operations Team (1 hr);



- Communications Channels (1 hr); INTERLINK International HP Users' Conference, Nice.  
Data Centre Operations Management (16 hr); IMAGE/3000 Performance (8 hr); and EDP Security (16 hr). HP Computer Users' Association, Heathrow, England.
- 1990.04 Sécurité du HP3000 (16 hr); Performance IMAGE/3000 (8 hr); Gestion du centre HP3000 (16 hr); Coffre d'outils pour le HP3000 (8 hr); Montréal.  
Data communications (16 hr). John Abbott College, Ste-Anne de Bellevue, QC.
- 1990.03 Data Centre Operations Management (3 hr). INTEREX Computing Management Symposium, Las Vegas.
- 1990.03 IMAGE/3000 Performance (40 hr); VPLUS/3000 (32 hr); Effective Use of the HP3000 (24 hr). John Abbott College, Ste-Anne de Bellevue, QC.
- 1990.02 HP3000 Fundamentals (24 hr); John Abbott College, Ste-Anne de Bellevue, QC.  
Data Centre Operations Management (16 hr); IMAGE/3000 Performance (8 hr); and EDP Security (16 hr). Toronto.

## 1989

- 1989.09 Flawed Feedback in Social Systems (2 hr): Round Table (Convenor and Moderator). INTEREX Annual Meeting, San Francisco.
- 1989.08 MPE-V Performance Fundamentals (1.5 hr); IMAGE and Performance Symposium Organized by M. B. Foster Associates, Ottawa.  
Effective Use of the HP3000 (16 hr); and Management Overview of HP3000 Performance (16 hr). Ottawa.
- 1989.06 Data Centre Operations Management (16 hr). Ottawa.  
Data Centre Operations Management (16 hr); IMAGE/3000 Performance (8 hr); and EDP Security (16 hr). Winnipeg.
- 1989.06 Data Centre Operations Management (16 hr); IMAGE/3000 Performance (8 hr); and EDP Security (16 hr). Toronto.  
Data Centre Operations Management (16 hr). Calgary.
- 1989.05 IMAGE/3000 Performance (8 hr); and EDP Security (16 hr). Calgary  
MPE/V Performance (32 hr). Montréal.  
Data Centre Operations Management (16 hr); IMAGE/3000 Performance (8 hr); and EDP Security (16 hr). Halifax.
- 1989.04 Data Centre Operations Management (16 hr); IMAGE/3000 Performance (8 hr); and EDP Security (16 hr). Montréal.
- 1989.03 Electronic Brainstorming (1 hr); and Laptop Computers--Portable Power (1 hr). INTEREX Computing Management Symposium, Nashville, TN
- 1989.03 MPE Overview (24 hr); IMAGE/3000 (80 hr); VPLUS/3000 (40 hr). John Abbott College.
- 1989.02 IMAGE/3000 Performance (8 hr); EDP Security (16 hr); Effective Use of MPE (20 hr). Ottawa.  
IMAGE/3000 Performance (8 hr). Québec
- 1989.01 MPE/V Performance (32 hr). Toronto.

## 1988

- 1988.12 EDP Security (16 hr) and IMAGE Performance (8 hr). Montréal.
- 1988.11 EDP Security (16 hr) and IMAGE Performance (8 hr). Montréal.
- 1988.10 Sécurité informatique (16 hr). Québec City.
- 1988.08 MPE Overview (30 hr), IMAGE/3000 (80 hr) and VPLUS/3000 (40 hr), John Abbott College.
- 1988.07 Problem Solving in an HP3000 Shop (1 hr); HP3000 Operations and Performance (3 hr). Keynote speech to Mid-Atlantic Regional HP3000 Users' Group, Raleigh, North Carolina.
- 1988.06 Computer Power (7 hr). Montréal.  
IMAGE Fundamentals (1 hr), IMAGE Performance (2 hr), and IMSAM Performance and Design Implications (1 hr discussion). IMAGE and Performance Symposium, M. B. Foster Associates, Ottawa.
- 1988.06 Choosing and Working with Consultants (1 hr). Ottawa Valley Regional HP3000 Users' Group Meeting, Ottawa.  
L'informatique d'aujourd'hui (7 hr); Analyse et Optimisation de la Performance de MPE (32 hr). Manufacturing firm, Montréal.
- 1988.05 L'informatique d'aujourd'hui (7 hr), CEGEP St. Laurent administrative staff, Montréal.
- 1988.03 MPE Overview (30 hr), IMAGE/3000 (80 hr), VPLUS/3000 (40 hr). John Abbott College.  
Gestion du centre informatique HP3000 (16 hr). Public course, Ville de Québec.
- 1988.02 Communicating with Senior Management (3 hr).  
Human Factors in HP3000 Operations Management (1 hr). HP3000 DP Managers Conference, Anaheim, CA.

## 1987

- 1987.11 Analyse et optimization de performance de MPE (32 hr). Public course, Ville de Québec.
- 1987.10 Executive Overview of Computing (1 hr). Ottawa Valley Regional HP3000 Users' Group Meeting, Ottawa.
- 1987.10 Dessin optimal avec IMAGE/3000 (8 hr). Financial institution, Ville de Québec
- 1987.10 RIBS: Controlled Access to IMAGE/3000 (1 hr). Montreal Regional HP3000 Users' Group, Dorval.
- 1987.09 Problem Solving in an HP3000 Shop (1 hr). HP3000 International Users' Group Annual Meeting, Las Vegas NV.
- 1987.08 IMAGE/3000 (80 hr) & VPLUS/3000 (40 hr). John Abbott College Programmers Course, Ste Anne de Bellevue, QC.
- 1987.05 Data Centre Operations Management (16 hr). Montréal, QC.
- 1987.04 L'informatique d'aujourd'hui (14 hr). Board of Directors of manufacturing firm, Montréal, QC.
- 1987.04 HP3000 Data Centre Operations Management (8 hr). Up-State New York Regional HP3000 Users' Group Meeting, Rochester, NY.

- 1987.03 IMAGE/3000 (80 hr) & VPLUS/3000 (40 hr). John Abbott College Programmers Course, Ste Anne de Bellevue, QC.
- 1987.03 Gestion du centre informatique HP3000. Québec City Regional HP3000 Users' Group Meeting. Ville de Québec.

## 1986

- 1986.11 Principles & Practice of Office Automation (39 hr). Data processing service bureau, Montréal, QC.
- 1986.10 Data Centre Operations Management Review (2 hr). Montreal Regional HP3000 Users' Group. Dorval, QC.
- 1986.10 HP3000 Performance Analysis & Optimisation (36 hr). Montréal, QC.
- 1986.10 Data Centre Operations Management, or What's Mich Up to Now? Ottawa Valley Regional HP3000 Users' Group Meeting. Hull, QC.
- 1986.04 The Human Factor in System Performance (1 hr). Ottawa Valley Regional HP3000 Users' Group, Ottawa.

## 1980-83

As one of 21 systems engineers at Hewlett-Packard Canada Ltd at Kirkland, QC, taught one third of all the HP3000 course sessions offered at the HPCL district office including OS internals, database design, database internals and performance, security, and operations management.

## 1970-80

Taught biology courses, applied statistics and computer programming at McGill University, Dartmouth College, Université Nationale du Rwanda, and Université de Moncton (see CV).

