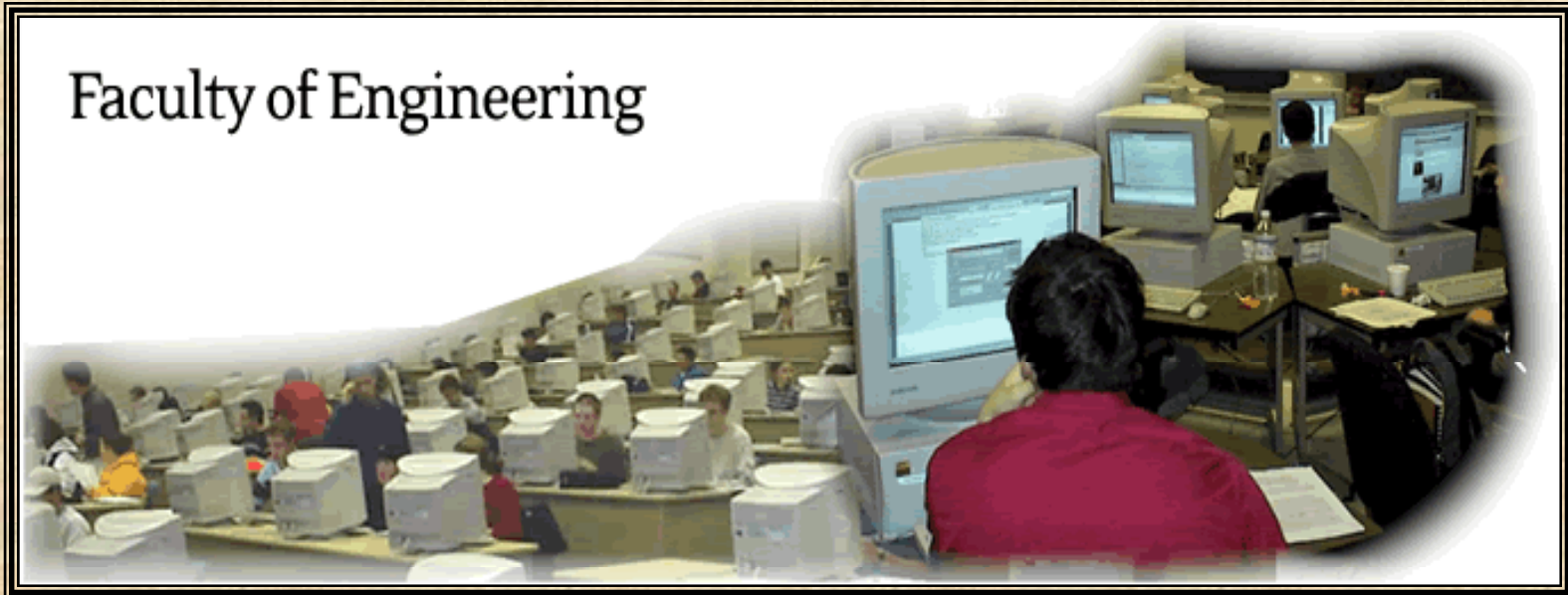


Engineering Computing

Faculty Assembly Report, June 19, 2007

Faculty of Engineering



University of
Waterloo



Overview

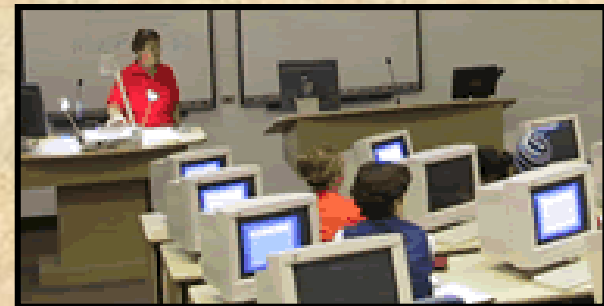
- *people*
- *Nexus*
- *videoconference*
- *UW-ACE*
- *OFIS (On-line Faculty Information System)*



WEEF Lab E2-1310



ChemCAT Lab DWE-1507



MultiMedia Lab CPH-1346

People

- ***Hazel Austin (Kennedy) retired in August 2006***
 - *38 years of service to the faculty*
- ***Marlon Griffith hired in October 2006***
- ***Rosina Kharal (IST) hired in April 2007***
- ***Engineering Computing (EC)***
 - *11 staff in EC + 2 paid by IST + 1 co-op student*
- ***Departmental Systems Administrators (SA)***
 - *14 – 17*
- ***Engineering Computing Committee (ECC)***
 - *7 faculty members (one from each department)*

EC lab facilities

8 EC computer labs / # of Nexus workstations

Multi-media / 120

Helix / 29

WEEF / 102

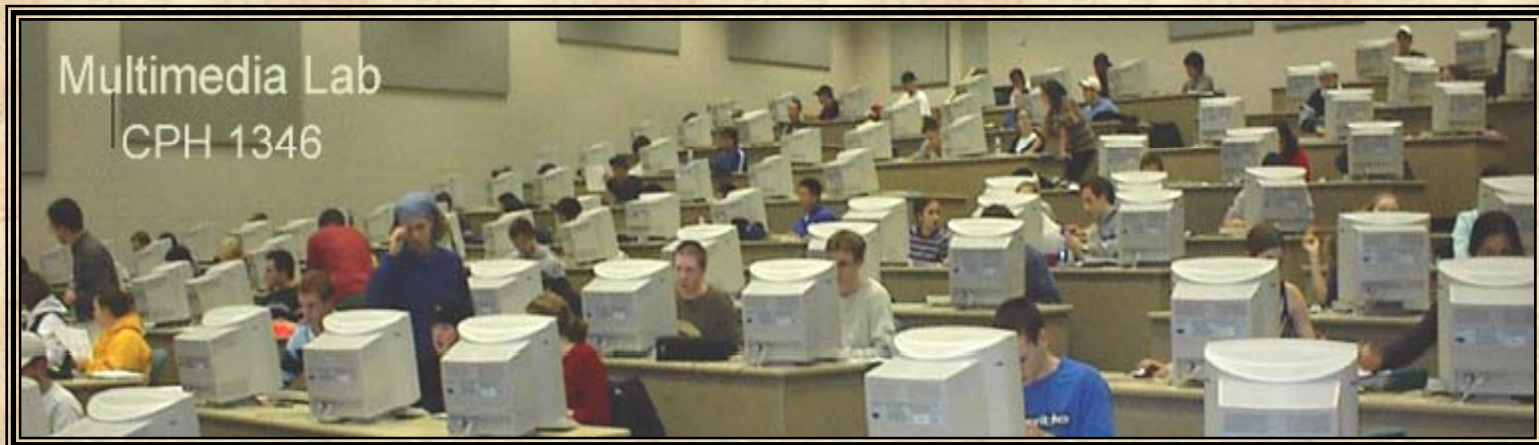
Lever / 20

Fulcrum / 16

Wedge / 32

GAFF / 30

Wheel / 20



EC lab facilities – upgrades

8 EC computer labs / # of Nexus workstations

closed S'07

Multi-media / 120 '07

Helix / 29

WEEF / 102

Lever / 20

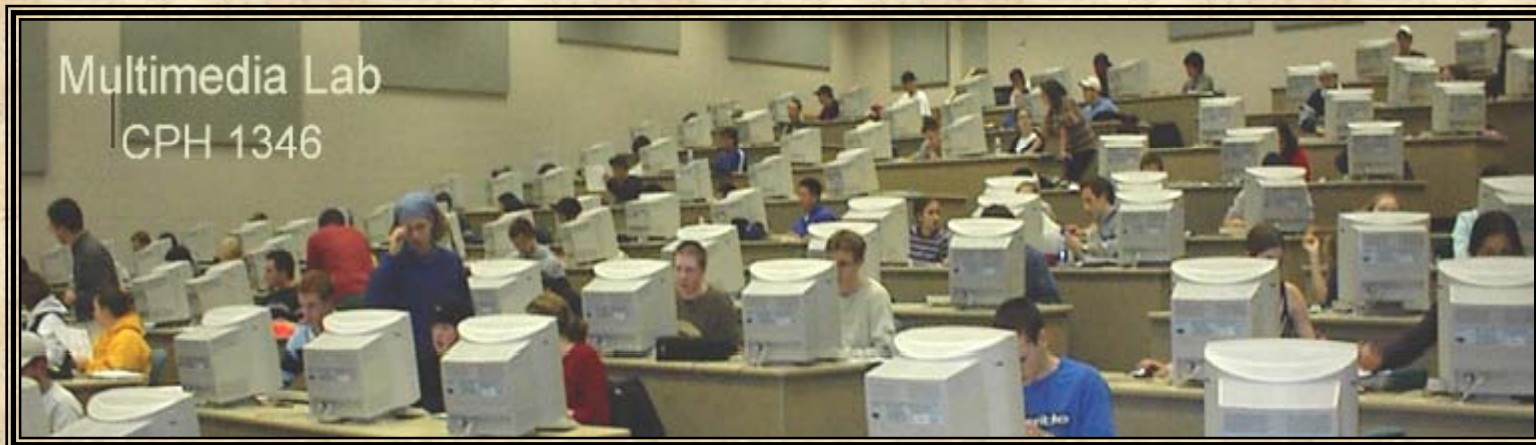
Fulcrum / 16

Wedge / 32 '07

closed S'07

GAFF / 24 '07

Wheel / 20



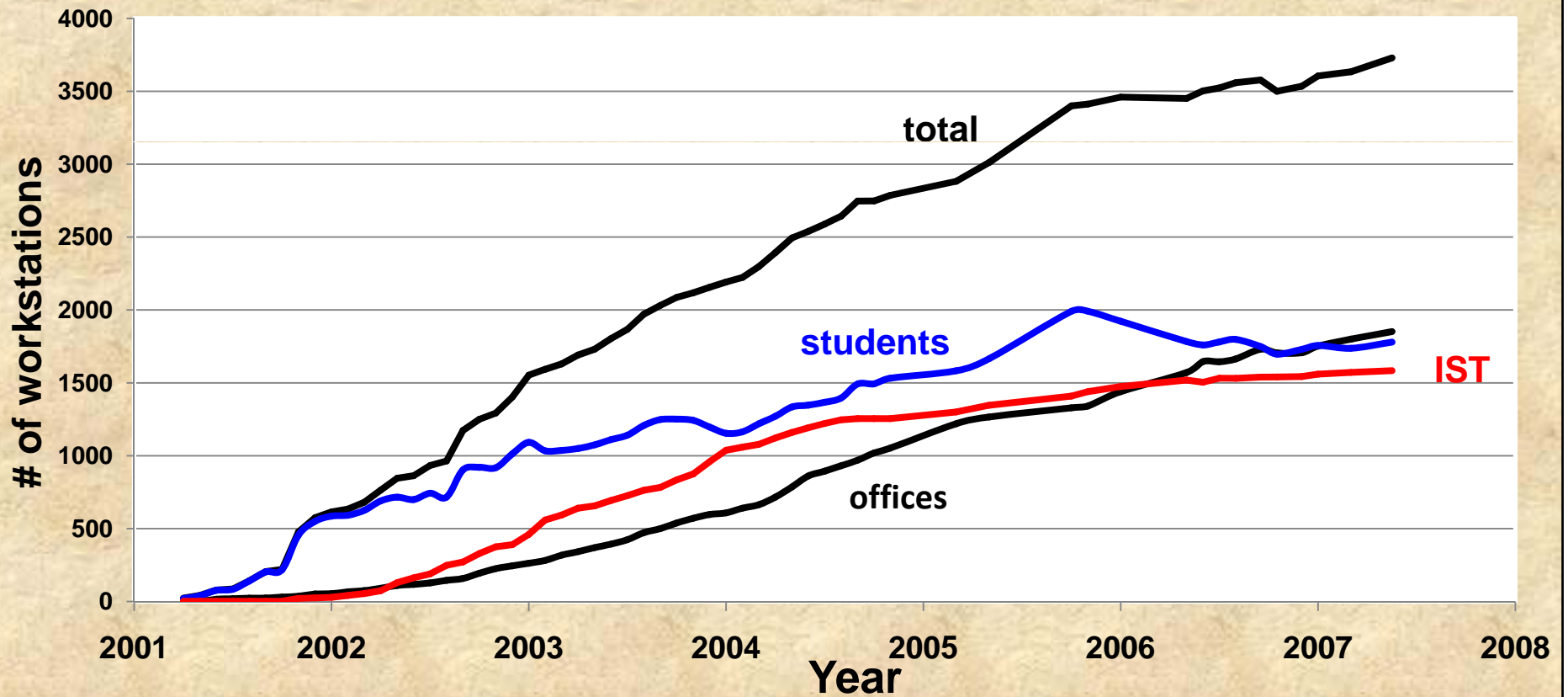
Nexus on campus

- ***designed by EC in 2001***
- ***used in all 6 faculties on campus***
 - ***3744 Nexus workstations on campus***
 - ***750 new Nexus workstations / year***
 - ***1903 Nexus workstations in Engineering***
 - ***60% of all workstations in Engineering***
 - ***303 new Nexus workstations added in 2006***

Nexus in Engineering

	<i>2003</i>	<i>2004</i>	<i>2005</i>	<i>2006</i>	<i>2007</i>
<i>Engineering Computing</i>	<i>433</i>	<i>473</i>	<i>504</i>	<i>515</i>	<i>618</i>
<i>Architecture</i>				<i>68</i>	<i>52</i>
<i>Chemical</i>	<i>154</i>	<i>241</i>	<i>283</i>	<i>300</i>	<i>315</i>
<i>Civil</i>	<i>56</i>	<i>87</i>	<i>90</i>	<i>106</i>	<i>98</i>
<i>Electrical & Computer</i>	<i>148</i>	<i>217</i>	<i>221</i>	<i>238</i>	<i>335</i>
<i>Management Sciences</i>	<i>44</i>	<i>44</i>	<i>44</i>	<i>72</i>	<i>65</i>
<i>Mechanical</i>	<i>7</i>	<i>102</i>	<i>208</i>	<i>293</i>	<i>408</i>
<i>Systems Design</i>	<i>36</i>	<i>42</i>	<i>39</i>	<i>45</i>	<i>49</i>
<i>Total</i>	<i>878</i>	<i>1206</i>	<i>1389</i>	<i>1637</i>	<i>1940</i>

Growth in Nexus at UW



Videoconference Facility

video conference room E2-1307G, contact Karen Critchley x-33380

● *courses:*

- AHS + 10 other Canadian universities***
- U of T***

● *R&D meetings*

● *job interviews*

● *private sector*

● *PhD & MSc defences*

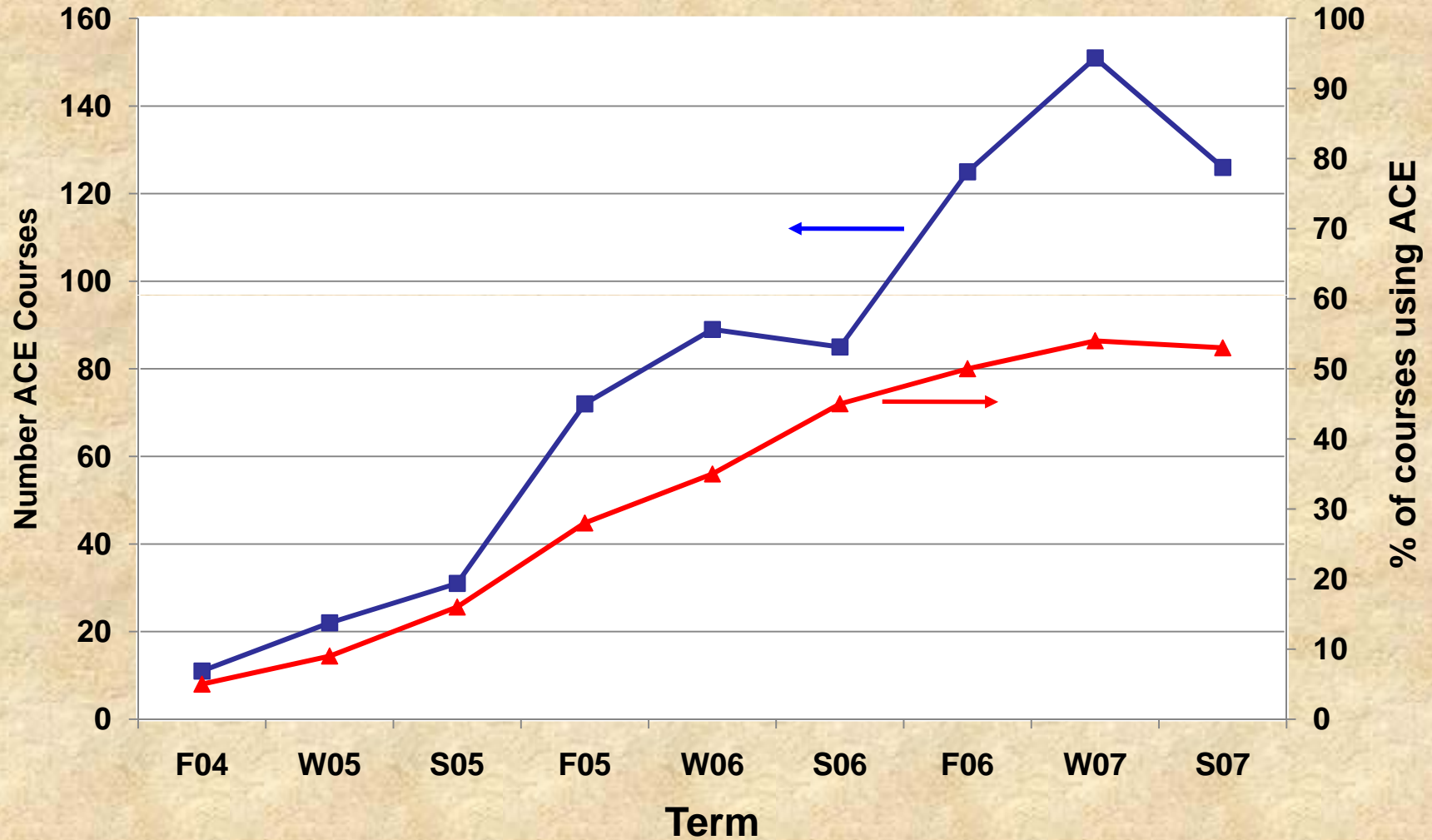
● *no charge for videoconference via PC* *over internet*****



Video Conference Room E2-1307G

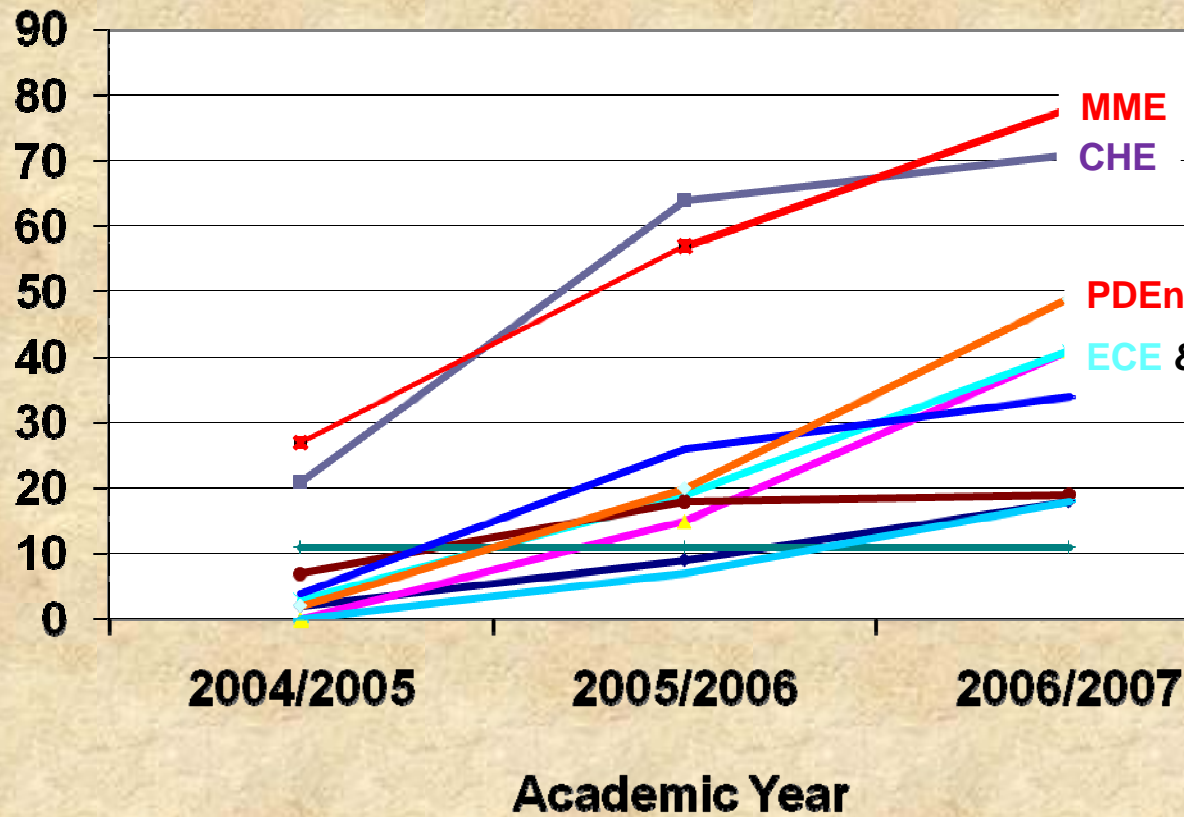
Faculty of Engineering ACE Usage

contact Rosina Kharal E2-1307F, x-35902



Departmental Totals

Number of Courses in UW-ACE



- Arch
- CHE
- CIVE/ENVE
- ECE
- ECE & CEE
- ME/MTE
- SYDE
- CBET*
- MSCI
- NE
- PDEng

UW-ACE Information Session

- ***Why do students want all of their courses listed through UW-ACE?***
 - ***learn more about UW-ACE***
 - ***new users come to see how you can incorporate your course into UW-ACE***
- ***Thursday June 28 2:30 - 4pm RCH 301***

OFIS

On-line Faculty Information System

contact Marlon Griffith x-38146

● OFIS development team:

- | | | |
|--------------------------|----------------------|--------------------------|
| • <i>Erick Engelke</i> | • <i>Beth Jewkes</i> | • <i>Vu Huynh</i> |
| • <i>Marlon Griffith</i> | • <i>Paul McKone</i> | • <i>Olga Vechtomova</i> |

● OFIS Version 1.5 available soon

- *improved visual display & easier data entry*
- *NSERC Form 100 (data entry assistant)*

● OFIS Version 2.0 ready for October

- *generic CV*
- *create “Office of Research Cover Sheet”*
- *create web content*
- *data entry delegates*

● 42% of faculty have entered data in OFIS