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<http://learning.nd.edu/tabletpc/>

[Kaneb Center](#) > [Learning Technology Lab](#) > [Tablet PC](#) > [Web Sites](#)

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## Tablet PC Information on the Web

### Hardware

- [Acer](#)
- [Gateway](#)
- [Motion](#)
- [Intel Centrino](#)
- [Showcase](#) [Microsoft]

### Microsoft software

- [Win XP Tablet PC Edition](#)
- [OneNote](#) and [Office 2003](#)
- [PowerToys](#)

### Resource sites

- **\*\* [WhatIsNew](#) \*\***
- [Tablet PC Talk](#)
- [Tablet PC Magazine](#)
- [Tablet PCs.net](#)
- [Tabula PC blog](#)

### Third party software

- [ArtRage](#) (Ambient Design)
- [Grafigo](#) (Corel)
- [SketchBook Pro](#) (Alias)
- [My-T-Pen](#) (Innovation Mgt)
- [CD Anywhere](#) (Vcom)
- [Virtual drive](#) (Farstone)
- [OmniForm](#) (Scansoft)
- [Workspace](#) (Groove)
- [PowerCAD](#) (GiveMePower)
- [Colligo](#)
- [xThink Calculator](#)
- [MindManager](#) (Mindjet)
- [Leszynski Group](#)
- [E-Pen&Forms Builder](#)
- [Zinio](#) - digital magazines


### Higher education

- [Rapid Adoption](#) - UT Austin
- [Microsoft case study](#) - MIT
- [PowerPoint from UI Chicago](#)
- [Tablet PC in Ed. Video](#) - Acer
- [Microsoft grants](#) - U WA
- [University Business](#) - June '03
- [PC World](#) - January '04
- [34 North 118 West](#)

### Accessories and books

- [Wacom styli](#)
- [Targus cases](#)
- [Electrovaya battery pads](#)
- [Quick Reference](#) book
- [For Dummies](#) book
- [How to Do Everything](#) book

## The John A. Kaneb Center for Teaching and Learning

<p><b>Faculty</b></p> <p><b>TAs &amp; Grad Instructors</b></p> <p><b>Resources</b></p> <p><b>Technology (WebCT etc.)</b></p> <p><b>Awards</b></p> <p><b>Mission</b></p> <p><b>Staff</b></p>	<p><b>Featured Resource</b></p> <p>Available from the <a href="#">Kaneb Center Lending Library</a></p>	<p><b>Featured Service</b></p> <p><u><a href="#">Summer Graduate Teaching Course</a></u></p> <p>Several one credit <u><a href="#">courses</a></u> on a variety of teaching related topics are available to graduate teaching assistants.</p>
	 <p><b>Teaching Tips: Strategies, Research, and Theory for College and University Teachers</b></p> <p>Topics discussed in <i>The guidebook for College Instructors and Teaching Assistants</i> include course preparation, meeting with students, grading, asking questions, evaluating students - and being evaluated by them - as well as peer/collaborative learning, initiating discussions, and much more.</p> <p>Wilbert J. McKeachie, Editor</p>	
<p>Feedback <input type="text"/> Kaneb Quick Links <input type="button" value="v"/> Kaneb Search <input type="text"/> <input type="button" value="GO"/></p>		

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UNIVERSITY of NOTRE DAME

# Office of Information Technologies (OIT)

About the OIT | Help Desk | Solutions Center | Training | Services | FAQ | Responsible Use Policy | Contact Us

**OITHeadlines**

Search the OIT website

## Welcome to the Office of Information Technologies

**Incoming Students! Get information on minimum computer requirements HERE!**

**IT Services Information Highlights**

- [Get your NetID & Password](#)
- [Responsible Use Policy](#)
- [Personal Computer Security](#)
- [Network Connections on Campus](#)
- [Hardware & Software in Clusters and Classrooms](#)
- [NOMAD Wireless Network](#)
- [WebFile \(shared file space\)](#)
- [Email at Notre Dame](#)
- [Network Connections from Off Campus](#)
- [Software Downloads](#)
- [ResNet](#)
- [Help Desk Brochures for Download](#)

**OITHeadlines**

**3/16/04:**  
Students: Interested in working as a ResNet Computer Assistant in the Fall? Find out more information [HERE](#).

**Security Alert!**  
**More variants of viruses have been created. Keep your anti-virus software up to date!**

## Disclaimers

- We're not here to venerate, champion, or represent
- Learning is the goal, but we are exploring **faculty** usage
- Many strategies our faculty are using **do not** require a tablet

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## Tablet PC =

- Mobility
- + Pen
- + Applications

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## Tablet PC Basics – Power

- Intel Pentium 3 or Centrino
- Plenty of memory and storage
- Windows XP Tablet PC Edition
- Usual applications
- USB ports for camera, printer, etc.
- Options – dock, external monitor

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## Convertible



## Slate



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## Basics – Interface

- Stylus interacts with screen
- Handwriting recognition
- OR on-screen keyboard
  
- Point and tap
- Write
- Draw

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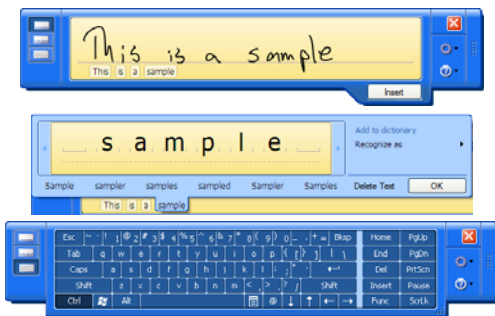
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## The Input Panel



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## Basics – Mobility

- Wireless access to Internet and network
- Lightweight
- Small and thin – keyboard use optional
  - Hold in one hand, use stylus with other
  - Use in cramped plane, bus, train, cave
- Rests flat on table or comfortably in lap
- View horizontally or vertically

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## How is a Tablet PC unique?

- You can hold it in one hand while the other hand uses the stylus
- The keyboard and mouse are optional
- You can write or draw on the screen
- It can recognize your writing, if you want
- It will rest flat on a table or in your lap

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## Favorite Tablet PC Accessories

- |                   |                              |
|-------------------|------------------------------|
| • USB Flash drive | • External hard drive        |
| • CD-RW drive     | • Dock or port replicator    |
| • DVD player      | • Scanner: images & text     |
| • Second monitor  | • Extended-life battery      |
| • Digital camera  | • Case, holster, courier bag |
| • Printer         |                              |

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## Software – Microsoft

- Windows XP Tablet PC Edition
- Windows Journal – note taking
- Office 2003 – Word, Excel, etc.
- OneNote – capture, organize notes

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## Software – Third Party

- Tablet PC functionality
  - Drawing: TurboCAD, ArtRage
  - Others: forms, mapping, collaboration
- Popular with faculty
  - Acrobat: share tablet output
  - iTunes (Apple): capture, organize music
  - TurningPoint: student response system

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## Tablet PC Initiative

- 2003-2004 academic year
- Sixteen faculty across four colleges
- Exploring impact as teaching tool
- Using tablet in undergrad courses
- Identifying applications and challenges
- Informal study – observations, journals

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## Participants

- **Faculty** teaching undergrads
  - Arts & Letters (8) – Business (3)
  - Science (3) – Engineering (2)
- Commitments
  - Use in the classroom
  - Participate in action research
  - Weekly journal

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## Primary applications

- Annotate screens
- Mark up assignments – text, music, etc.
- Take notes
- Store text and multimedia files
- Make technical drawings
- Project on screen without wires
- Fill out forms and use templates

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## Other applications

- Communication – in-class email
- Involvement – hand off to student
- Data collection, observation

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## Wireless Projection via Software



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## Challenges

- Battery life
- Cost
- Optical media
- Durability
- Hard drive size
- Learning curve
- Support
- Processor speed
- Maintaining two systems
- External video 1024 x 768
- Handwriting recognition
- Stylus vs. keyboard
- Screen size, brightness

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## Exploring

- Microsoft Desktop Deployment grant
- [Docking station](#)
- [Rubric tool](#)
- Field applications
- Handheld GPS
- Service project

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## **Outline for a study of the 2003-04 Tablet PC Initiative**

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The goals of this initiative are to

1. Discover possibilities for faculty use of a Tablet PC (TPC) in the classroom, and to
2. Explore ways such use might impact student learning,

Underlying questions

- A. What types of tasks do faculty perform with a TPC in the classroom?
  - Are any of the uses particularly inventive, creative, or ingenious?
  - Which uses do faculty consider the most effective?
- B. What are the strengths and limitations of a TPC, as opposed to a laptop or desktop?
- C. Which teaching and learning tasks are simpler or easier due to the strengths of a TPC, and which are more difficult or complicated due to its limitations?
- D. What technical difficulties, challenges, or obstacles does a TPC present in the classroom?

Data sources

- Pre-survey of participants
- Post-survey of participants
- Survey of students in classes where participants use a TPC
- Participants' weekly journal
- Unannounced class observation
- Scheduled videotaping of classes (one per participant)
- Group discussions of participants

## Faculty Learning Communities at the University of Notre Dame

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A faculty learning community is a cross-disciplinary group of five or more faculty members who engage in a program to enhance teaching and learning through opportunities for personal development and community building. At the institutional level, some of the long-term goals for the faculty learning community effort are to

- Strengthen faculty interest in undergraduate teaching and learning,
- Nourish the scholarship of teaching and learning,
- Increase faculty collaboration across disciplines, and
- Create an awareness of the complexity of teaching and learning

Learning community activities vary, but are likely to include seminars on teaching and learning, led by guests or group members; a daylong or overnight retreat; self-designed projects, such as developing computer-based materials, redesigning a course, or learning a new teaching method; attendance or a presentation at a national conference; and a course mini-portfolio. Each group is expected to share its efforts with the larger university community through a document, product, public presentation, or other means.

Faculty learning communities may address the needs of a specific group of faculty or deal with a special teaching/learning issue. Past and present communities at Notre Dame include:

1. Teaching statistics,
2. Understanding student difference,
3. Web group,
4. Junior faculty,
5. Using technology, and
6. Problem-based learning .

Funding from a federal FIPSE grant backs the program, which is based at Miami University (Oxford, OH). Any full-time faculty member may apply, with the support of the department chair. Participants must agree to participate fully in the program's activities and complete reports, projects, and documents as requested. Application forms include the following points:

- Briefly describe your current teaching responsibilities. Include learning objectives stated in your syllabus for a course.
- Describe particularly effective teaching activities in which you have been involved.
- Describe your reasons for wanting to participate in this community.
- Indicate your most pressing needs regarding teaching and learning.
- What do you think you can contribute to this community?
- Briefly state your philosophy of teaching.

## 101 Reasons Not To Get A Tablet PC

Posted by: Lora on Thursday, July 17, 2003 - 11:19 AM - <http://www.whatisnew.com/article841.html>

Here is a list of reasons we've heard people say why they don't want to buy a Tablet PC. We came up with a list of 101. (Not listed in any particular order.) There are probably more. Maybe you've got a few?

Many of the points are valid concerns. Some are misconceptions. Some can be fixed. Some are just the way it's going to be. And some will be fixed by time.

1. It's too expensive.
2. It's too small.
3. It's too big.
4. It's too heavy.
5. It's not durable enough.
6. I can't read it outside.
7. It can't get wet.
8. It's too slow.
9. It runs too hot.
10. The processor isn't the latest technology.
11. I don't want to pay extra for two or three year old technology.
12. I've read they're coming out with cheaper ones.
13. It's all hype.
14. The battery doesn't last long enough.
15. It doesn't support a second battery.
16. It doesn't have instant on.
17. It doesn't have a CD/DVD player built in.
18. It doesn't have a serial port.
19. It doesn't support the peripheral I need.
20. It doesn't have enough USB (or other) ports.
21. The hard drive is too small.
22. I won't be able to get parts to fix it if it breaks.
23. The print on the display is too small.
24. The resolution is too low.
25. The display doesn't have enough colors.
26. The display isn't sharp enough.
27. The screen feels too slippery.
28. The pen is too slim.
29. The pen is too thick.

30. The pen is too square (Toshiba).
31. I don't have enough money.
32. I can only afford one computer.
33. I can buy more if I get a regular computer.
34. We don't have enough money in our office budget.
35. My boss won't authorize it.
36. My wife won't let me buy one.
37. My kids are in college.
38. Tablet PCs are too new.
39. Tablets have been tried before. They will fail.
40. Microsoft will abandon support for the platform.
41. I'm a Luddite.
42. I don't know how to use a computer.
43. I don't need a computer.
44. I only use computers at work.
45. I just need a computer to do email. (It does too much of what I don't need).
46. I'm waiting for the next generation.
47. I'll wait till they get better.
48. I'll wait 2- to 3-years to get one.
49. We have to wait till next fiscal year.
50. I already have a computer that does all that a Tablet PC does.
51. My computer does everything I need it to do.
52. I just bought a computer.
53. I have all the computers I need.
54. The IT department doesn't provide support for the Tablet PC.
55. I'd have to spend all my time explaining what it is.
56. It's not upgradable.
57. I write too messy.
58. I write too small.
59. It can't recognize my handwriting.
60. The handwriting recognition doesn't work.
61. I can't read my own handwriting.
62. I type faster than I handwrite.
63. I already have a PDA.
64. I already have a notebook.
65. It's a toy.
66. It's just an expensive Etch-a-Sketch.
67. It's from Microsoft.
68. It's not made by Apple.

69. It's Windows.
70. It doesn't come with Linux.
71. We use Unix at work.
72. All my software is for Apple computers.
73. I'm waiting for Company X to come up with a competing design.
74. The application I use doesn't support the Tablet PC.
75. The software I own is for Windows 95. I'd have to replace it.
76. WiFi is a bubble.
77. There isn't any software for it.
78. There isn't Tablet PC software that does what I want.
79. The new software for it is buggy.
80. I would look like a geek if I had one.
81. They're ugly.
82. It's not cool looking enough.
83. I don't know anyone who has one.
84. None of my friends have one.
85. I don't take notes.
86. I type everything.
87. I can't draw.
88. Paper is more practical.
89. I like writing on paper.
90. I copy my notes to help me memorize things.
91. The pen is too lightweight.
92. The software I use requires the keyboard.
93. I need to print everything out (forms).
94. I'm afraid it will get stolen.
95. Speech recognition doesn't work.
96. I can't understand the text-to-speech voices.
97. The speakers aren't very good.
98. I can't overclock it.
99. I can't play games with it.
100. WiFi is not secure.
101. If it were free, I'd get one.

The real question is: Does the Tablet PC or the software it runs make me more productive, make my life better, or make the day a bit more enjoyable? For some people, the answer is yes. For others it's wait and see. Both are right.