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2002 Environmental Scan Top Trends for the Next Five Years

Rank	Trend Statement
1	Financial pressures on colleges and universities will continue.
2	There will be increased convergence between computer science and biology, and between computer games and education.
3	Colleges will be forced to make continued investments in classroom technology to remain competitive.
4	The US/English-centric nature of technology will diminish (see Global Crossing) The power centers will change as well.
5	High bandwidth communication networks will become widely available and less expensive.
6	Intellectual property will be more and more important as academic content is distributed or commercialized, and campus-specific solutions to issues of pricing and ownership will be critical. Technologies such as watermarking and the embedding of ownership information will become much more important as well.
7	Content management will become increasingly important. For example, what will be the commercial exchange for learning objects?
8	Multimedia presentation of ideas will become the norm; traditional 'papers' will decline as a growing percentage of academic output (and most journals) will be published electronically. Broad peer review of 'preprints' on the Internet will largely replace editorial boards.
9	Interactive media will take advantage of additional senses beyond sight and hearing to increase the range of choices for user interaction.
10	Colleges find it increasingly difficult to retain highly skilled technical staff.
11	Support issues for faculty will increase demands for campus staff and expectations that faculty address their own project technology needs will decrease
12	Issues of security will increase as hard-copy publications and documents shift to e-books. How will the value of intellectual property change?
13	There will be a sharp increase in laptop ownership on campuses.
14	IT support will remain a big challenge.
15	Communications mediums will continue to converge and become more ubiquitous.
16	Content will be increasingly tied to standards; quality and quality assurance will be more important
17	Security of networks will become more and more critical — it will become so difficult that institutions will turn to outsourcing and expert help
18	The need of knowledge workers to do their jobs will increasingly cause traditional curricula to be supplanted with work-focused curricula.
19	There will be a growing interest in the integration of video and other media in curricula.
20	The use of course management systems will increase as a way to manage the integration of web resources into courses.
