AI at Trent: Student Survey 2024

Start of Block: Demographics

Q2 First, we would like to ask you some general questions to get a sense of your role within the university.

Q3 What is your student status?

* Full-time (1)
* Part-time (2)
* Prefer not to respond (4)

Q4 What is the main campus you are registered with?

* Peterborough (1)
* Durham (2)
* Other (please specify) (3) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Prefer not to respond (4)

Q5 What year of your degree are you currently equivalent to?

* First year undergraduate (1)
* Second year undergraduate (2)
* Third year undergraduate (3)
* Fourth year undergraduate (4)
* Fifth year or higher undergraduate (5)
* Master's student (6)
* PhD student / candidate (7)
* Prefer not to respond (8)

Q6 How old are you? Please provide the number in the space. If you prefer not to respond, please leave it blank.

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Q7 Please check all that apply to you:

* Transfer student (i.e. from another university or college) (1)
* International student (2)
* Mature student (i.e. returning to school after a period of time away) (3)
* First generation university student (4)
* None of the above (5)
* Prefer not to respond (6)

Q8 In which field(s) are you studying at Trent? Please check all that apply.

* Sciences (for a list of programs see: https://www.trentu.ca/artsci/science) (1)
* Social Sciences (for a list of programs see: https://www.trentu.ca/artsci/social-sciences) (12)
* Humanities (for a list of programs see: https://www.trentu.ca/artsci/humanities) (2)
* Nursing (3)
* Education (4)
* Graduate Studies (6)
* Other (please specify) (8) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Prefer not to respond (9)

Q9 Do you identify as part of an equity deserving group on the basis of one or more categories? Please check all that apply.

* Visible minority (1)
* Person with a disability (2)
* Indigenous person (3)
* Sexual orientation (4)
* Gender identity (5)
* None of the above (6)
* Prefer not to respond (7)

End of Block: Demographics

Start of Block: AI

Q10 The next set of questions are related to Generative Artificial Intelligence which, broadly defined, are algorithms used to create new content such as text, code, audio, video, and images. We will use the term “AI” throughout these questions.

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Q11 To what extent are students in your program using AI tools in academic work?

* Enthusiastic: many adopters of the technology (1)
* Curious: some are experimenting with the technology (2)
* Mixed: some are experimenting and adopting the technology, others are not (3)
* Cautious: most are not adopting the technology (5)
* Not sure (6)
* Prefer not to respond (4)

Q12 What are your overall feelings about the impact of AI on higher education?

* Positive: it's a welcome advancement (1)
* Mixed: I can see both potential and drawbacks (2)
* Unsure: I need to see how this develops (3)
* Negative: I see mostly drawbacks (4)
* Prefer not to respond (5)

Q13 Thinking about the impact AI will have in higher education, to what extent over the next 2-5 years do you think it will:

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|  | Profoundly (1) | To a great extent (2) | To some extent (3) | Limited (4) | Not at all (5) |
| Change the way faculty teach (1) |  |  |  |  |  |
| Change the way students learn (2) |  |  |  |  |  |
| Change the way student learning is assessed and evaluated (3) |  |  |  |  |  |
| Make education more accessible (4) |  |  |  |  |  |
| Improve learning outcomes for students (5) |  |  |  |  |  |
| Increase the incidence of cheating (6) |  |  |  |  |  |
| Accelerate knowledge discovery (7) |  |  |  |  |  |
| Increase the volume of scholarly research (8) |  |  |  |  |  |

Q14 Are there any other anticipated impacts of AI on higher education in the next 2-5 years?

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Q15 Have you used AI tools in your academic work?

* Yes, extensively (1)
* Yes, to some extent (2)
* No, not at all (3)
* Prefer not to respond (4)

Q16 Please rate your level of expertise in the following

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|  | Expert (1) | Confident (2) | Competent (3) | Beginner (4) | Haven't tried (5) |
| Using AI to help me learn (1) |  |  |  |  |  |
| Using AI safely and ethically (2) |  |  |  |  |  |
| Selecting an appropriate AI tool for my needs (3) |  |  |  |  |  |
| Protecting my data and privacy (4) |  |  |  |  |  |
| Evaluating AI generated output (5) |  |  |  |  |  |

Q17 Where do you currently access information or training to learn about AI? Please select all that apply.

* Peers and friends (1)
* Course instructors and TAs (2)
* Academic Skills instructors or Academic Advisors (7)
* Media (news, social media) (3)
* Self-directed learning resources (books, articles, websites, videos) (4)
* Training opportunities outside of class (webinars, workshops, courses) (5)
* Other (please share) (6) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Display This Question:

If Have you used AI tools in your academic work? = Yes, extensively

Or Have you used AI tools in your academic work? = Yes, to some extent

Q18 Which AI tools have you used? Please check all that apply.

* Open AI Chat GPT-3 (free version) (1)
* Open AI Chat GPT-4 (paid version) (2)
* Microsoft Copilot (3)
* Google Gemini (4)
* Anthropic Claude (5)
* DALL-E (6)
* Zapier (7)
* AI writing assistants (eg. Quillbot, Grammarly) (11)
* AI features in other products or platforms (eg. Adobe) (8)
* AI literature search tools (eg. Consensus, Perplexity, Research Rabbit etc.) (9)
* Others (please share) (10) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Display This Question:

If Have you used AI tools in your academic work? = Yes, extensively

Or Have you used AI tools in your academic work? = Yes, to some extent

Q19 How have you used AI tools in your academic work? Please select all that apply.

* Brainstorming (1)
* Developing research questions or methods (17)
* Making a study plan or project plan (18)
* Searching for information or research (2)
* Summarizing readings, documents or web content (3)
* Translating readings, documents or web content (4)
* Writing or debugging code (5)
* Creating media (images, video, diagrams etc.) (6)
* As a personal tutor to define terms or explain concepts (7)
* As a study partner to create study questions or cue cards (8)
* Taking or transcribing notes in class (9)
* Creating outlines for assignments or reports (10)
* Writing or producing content for assignments (11)
* Analyzing data (16)
* Getting feedback on draft assignments (12)
* Editing or revising written work (13)
* Other (please share) (14) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Prefer not to respond (15)

Display This Question:

If Have you used AI tools in your academic work? = Yes, extensively

Or Have you used AI tools in your academic work? = Yes, to some extent

Q20 If you have previously used AI tools in your academic work, do you plan to continue using them?

* Yes (1)
* No (2)
* Not sure (3)
* Prefer not to respond (4)

Display This Question:

If Have you used AI tools in your academic work? = No, not at all

Q21 What are the reasons that you have not used AI tools in your academic work? Please select all that apply.

* Lack of knowledge or skill (1)
* Limited access to AI tools or infrastructure (2)
* Uncertainty about effectiveness or usefulness of AI tools (5)
* Concerns about data privacy and security (3)
* Concerns about academic misconduct or cheating (4)
* Lack of training to learn how to use AI (6)
* Lack of time to learn how to use AI (7)
* Concern about negative impact on learning (10)
* Ethical concerns (11)
* Other (please share) (8) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Prefer not to respond (9)

Display This Question:

If Have you used AI tools in your academic work? = No, not at all

Q22 If you have not used any AI tools in your academic work, do you intend to use AI tools in the next 6-12 months?

* Yes (1)
* No (2)
* Not sure (3)
* Prefer not to respond (4)

Q23 What do you think Trent’s position on student use of AI in coursework should be?

* Trent should allow students to use AI, without restriction (1)
* Trent should allow most student use of AI, with limited restrictions (2)
* Trent should allow some student use of AI, with very high restrictions (3)
* Trent should prohibit all student use of AI entirely (5)
* Prefer not to respond (4)

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Q24 Have you ever taken a course at Trent where the instructor incorporated AI tools into their teaching practices?

* Yes, one or more instructors have used it extensively (1)
* Yes, one or more instructors have used it, but only to some extent (2)
* No, not at all (3)
* Prefer not to respond (5)

Q25 How have your instructors communicated with you about classroom policies and expectations around the use of AI tools? Please select all that apply.

* Language on the course syllabus (1)
* Class discussion on permitted and prohibited AI use (2)
* Language in course assignment information (3)
* Academic Integrity modules in Blackboard (8)
* Other module or content in Blackboard (4)
* Other (please share) (5) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* My instructors have not communicated any AI policies or expectations (6)
* Prefer not to respond (7)

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Q26 Please rate your concern about each of these AI issues in higher education, with a higher rating indicating greater concern.

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|  | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

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| Students may submit an AI output as their own work () |  |
| Instructors might use AI to write lectures () |  |
| Students not learning important skills because of AI () |  |
| Students not learning how to ethically and effectively use AI tools () |  |
| Decline in critical thinking skills () |  |
| Over reliance on AI tools () |  |
| Different policies about AI use/ lack of consistency in course policies () |  |
| Data privacy concerns () |  |
| Different user policies across AI platforms () |  |
| Age restrictions (i.e. students under 18) () |  |
| Financial cost to users () |  |
| Rapid changes in technology () |  |
| Biases in the technology, data, and/or algorithms () |  |
| Responses are commonly flawed () |  |
| Ethical issues () |  |
| Copyright and intellectual property concerns () |  |
| Labour or job market impacts (eg. job displacement) () |  |
| Economic or political destabilization () |  |
| Other (please specify) () |  |

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Q27 What are the benefits you see with using AI in higher education? Please select all that apply.

* Enhanced student learning outcomes (1)
* Creative modes of assessments (2)
* Ability to make rapid changes (3)
* Increased critical thinking skills (4)
* Improved student engagement and motivation (5)
* Improved accessibility (12)
* Provision of real-time feedback (6)
* Lowered student anxiety (7)
* Teaching skills students will need in their discipline/profession (8)
* Increased efficiency (13)
* I see no benefits. (14)
* Other (please specify) (9) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* None of the above (11)
* Prefer not to respond (10)

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Q28 Consider each of these statements about AI in higher education. Check the box next to any statements you agree with.

* Instructors should have the choice of whether or not to use AI in their courses (1)
* In courses where AI is used, instructors should provide alternate assignments as well (2)
* The academic integrity policy should outline disciplinary steps for students who submit assignments generated through AI (3)
* Instructors should have the option to check assignments using AI detection software (4)
* Trent should offer ongoing training opportunities related to AI (5)
* AI is here to stay and we need to plan for it (6)
* Students should not be expected to create accounts outside of Trent to use AI (7)
* Trent should disclose any use of AI tools to students (10)
* Students should be able to opt out of using AI tools (11)
* I do not agree with any of these statements (9)
* Prefer not to respond (8)

Q29 Overall, do you think that AI technology will have a negative or a positive impact on the following aspects of higher education?

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| --- | --- | --- |
|  | Negative | Positive |

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|  | -100 | -80 | -60 | -40 | -20 | 0 | 20 | 40 | 60 | 80 | 100 |

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| Student learning () |  |
| Faculty teaching () |  |
| Faculty research () |  |
| Employee workload () |  |

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Q30 What do you think will be the level of impact of AI on your life in the next 2-5 years?

* Transformative (1)
* Significant (2)
* Some (3)
* Low (4)
* None (5)
* Not sure (6)
* Prefer not to respond (7)

Q31 What are the main benefits or opportunities that AI presents for your learning?

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Q32 What are the main challenges or drawbacks that AI presents for your learning?

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End of Block: AI

Start of Block: AI Supports

Q33 What supports would be useful to you in your academic work at Trent? Please select all that apply.

* Clear guidance on acceptable use of AI tools in student learning (1)
* List of AI tools approved for use at Trent (2)
* Training to learn how to use AI tools ethically and effectively (3)
* Access to advanced AI tools and computing infrastructure (4)
* Other (please share) (5) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Q34 What kinds of training would you participate in? Please select all that apply.

* Using AI tools for studying (1)
* Using AI tools for managing time (2)
* Using AI tools for career preparation and job seeking (5)
* Using AI tools for research (8)
* Creative uses of AI (3)
* Copyright and intellectual property in AI (6)
* Bias and ethics in AI (7)
* Other (please share) (4) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* I would not participate in AI training (9)

Display This Question:

If What kinds of training would you participate in? Please select all that apply. != I would not participate in AI training

Q35 In what format would you prefer to receive AI training? Please rank the following options in order of your preference.

\_\_\_\_\_\_ Asynchronous online tutorials outside of class (1)

\_\_\_\_\_\_ In person workshops or seminars outside of class (2)

\_\_\_\_\_\_ Online workshops or seminars outside of class (4)

\_\_\_\_\_\_ AI training integrated into my courses (5)

\_\_\_\_\_\_ Self-directed learning resources (videos, books, guides) (6)

\_\_\_\_\_\_ One on one consultations and guidance (3)

\_\_\_\_\_\_ Other (please share) (7)

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Q36 What do you consider to be the top three principles to guide the use of generative AI tools at Trent?

* Principle 1 (1) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Principle 2 (2) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Principle 3 (3) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Q37 Is there anything else you would like to say about AI at Trent?

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End of Block: AI Supports