



CONCORDIA AND THE ASCENT OF ARTIFICIAL INTELLIGENCE

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The Coming Wave – Challenges & Opportunities

- No discipline or profession will remain untouched
- Progress in AI and AI-driven fields will be very, very fast
- Freedom versus unfreedom
- Human flourishing for all
- Developing capabilities
- Individualized education
- Personalized healthcare
- Accelerating important scientific advancements
- Techno – realism
- Protopia

Goals for Student Learning

- Clarity on expectations
- AIAS (AI Assessment Scale)
- Development of expertise for all students
- General use
- Discipline specific skills
- Timeliness
- Ethics, justice, freedom
- Critical thinking about how AI impacts society

AI for Research (upd 2 June 2025)

- ChatGPT (OpenAI): Free tier, Plus \$20/month
- Gemini (Google): Free tier, Pro \$20/month (one month free trial going on now)
- Claude: Free tier, Pro \$20/month
- Mistral: Free tier, Pro-student \$5.99/month
- Deepseek: Free
- Grok: Free tier, SuperGrok \$30/month

Recommended Books

- M. Suleyman, The Coming Wave (2023)
- H.A. Kissinger, C. Mundie, E. Schmidt, Genesis: Artificial Intelligence, Hope, and the Human Spirit (2024)
- C. Summerfield, The Strange New Mind (2025)

The AI Assessment Scale

1	NO AI	The assessment is completed entirely without AI assistance. Students should rely solely on their existing knowledge, understanding, and skills. You must not knowingly use AI at any point during the assessment. You must demonstrate your core skills and knowledge.
2	AI PLANNING	AI may be used for pre-task activities such as brainstorming, outlining and initial research; this level focuses on the effective use of AI for planning, synthesis, and ideation. Students should develop and refine these ideas independently. You may use AI for planning, idea development, and research. You must demonstrate how you have developed and refined these ideas.
3	AI COLLABORATION	AI may be used to help complete the task, including idea generation, drafting, feedback, and refinement. Students should critically evaluate and modify the AI-suggested outputs, demonstrating their understanding. You may use AI to assist with specific tasks such as drafting text, refining and evaluating your work. You must critically evaluate and modify any AI-generated content you use.
4	FULL AI	AI may be used to complete any elements of the task, with students directing AI to achieve assessment goals. Assessments at this level may require students to engage with AI to achieve goals and solve problems. You may use AI extensively throughout your work either as you wish, or as specifically directed in your assessment. You should focus on directing AI to achieve your goals while demonstrating your critical thinking.
5	AI EXPLORATION	AI is used creatively to enhance problem-solving, generate novel insights, or develop innovative solutions to solve problems. Students and educators co-design assessments to explore unique AI applications within the field of study. You should use AI creatively to solve the task, potentially co-designing new approaches with your instructor.



Perkins, Furze, Roe & MacVaugh (2024). The AI Assessment Scale. Modified by Concordia College (MN, USA) AI Council