

A - New Course Proposal : Entry # 3697**DEAN Decision**

Approved

Date

09/18/2026

Is this course intracollegiate or intercollegiate?

Intracollegiate

SCHOOL EPC Decision

Approved

Date

10/14/2026

SCHOOL EPC Comments

A question was raised about quantifying the number of AI failure points in one SLO (e.g. should a measurable number like 3 or > 3 be specified?). The proposer provided additional feedback. We approve and request no changes.

Begin Form**Today's Date**

09/16/2026

Your Name:

Michael Oudshoorn

Your Email:moudshoo@highpoint.edu**Are you a Department Chair?**

Yes

By checking below, I certify that my department chair has seen and approved the new course that I am proposing.

Yes

Please select the appropriate school overseeing this proposal:

Engineering

When should this proposal take effect?

Fall 2027

Information for the Registrar

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Choose the department designator from the list below.

AAI

Proposed Course Number?

1000

Is this course cross listed?

No

Does this course replace a current course?

No

What is the title of the new course?

AI Fundamentals

Write the catalog description of your proposed course:

This course introduces students of any major to the core concepts underlying computing and modern artificial intelligence, including how information is represented, how algorithms and logical rules are structured, and how AI models are trained and used to generate predictions. Students build the computational-thinking and digital-literacy foundation — covering data representation, basic computer and network architecture, and conditional (if-then-else) logic — that later Applied AI minor courses assume. The course also introduces generative AI and large language models conceptually and examines their capabilities, limitations, and failure modes such as hallucination. No prior computing background or programming is required or taught.

How many credit hours will this course be?

4

How will the course be graded?

Letter grade

Please select the course repeat option for this course:

Not repeatable for credit

What is the offering cycle for this course?

Fall semester

Does your course have any prerequisites?

No

Is this new course being proposed because of a new or revised major or minor proposal?

Minor in Applied Artificial Intelligence

Any other comments for the Registrar at this time?

I am requesting the prefix AAI for all courses in the minor.

A - New Course Proposal : Entry # 3697**Gen Ed and Academic Programs****Is this course part of Gen Ed?**

- No

Does this course count towards a major or a minor?

Yes

Please list the Major / Minor and if it is Required or Elective

Minor in Applied Artificial Intelligence - required.

Is this course part of an academic program?

- This course does not fulfill academic program requirements

Does this course include any community engagement?

No

Does this course participate in the GoGlobal Program?

No

Information for Curriculum Review**Rationale and evidence for new course's consistency with departmental mission:**

AAI-1000: AI Fundamentals directly supports the mission of the Department of Computer Science and the Webb School of Engineering by broadening computational and digital literacy beyond traditional computing majors and preparing students to engage thoughtfully and responsibly with emerging technologies. The course provides foundational knowledge of computing, artificial intelligence, data representation, algorithms, and digital systems while emphasizing critical thinking, ethical awareness, and informed use of technology. It serves as the entry point to the Applied AI Minor and establishes the conceptual foundations required for all subsequent courses in the program.

The need for this course was identified through growing evidence that artificial intelligence is becoming a fundamental tool across nearly every profession and academic discipline. The proposed minor is intentionally designed to provide AI literacy to students from all majors, recognizing that graduates increasingly need to understand how AI systems operate, how to evaluate AI-generated information, and how to use AI responsibly in academic and professional contexts. AAI-1000 addresses this need by introducing AI concepts in a non-technical, no-programming environment that is accessible to students regardless of prior computing experience.

In developing the course, the department reviewed current developments in generative AI adoption, AI literacy initiatives, and educational resources designed for broad student audiences. The course content was informed by recognized educational and professional sources including Melanie Mitchell's Artificial Intelligence: A Guide for Thinking Humans, the Elements of AI initiative, Google People + AI educational resources, and contemporary frameworks addressing AI risk, governance, and responsible use. The proposal also draws upon nationally and internationally recognized AI guidance and governance resources, including the NIST AI Risk Management Framework, the EU AI Act, OECD AI recommendations, and UNESCO's Recommendation on the Ethics of Artificial Intelligence.

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The department believes AAI-1000 fills an important curricular gap by providing all students with a foundational understanding of AI technologies, their capabilities, limitations, risks, and societal implications. As AI becomes increasingly integrated into teaching, learning, and professional practice, this course will help students become informed, effective, and responsible users of AI while supporting the university's broader strategic commitment to AI-enabled education.

List all student learning outcomes for this course.

Students completing AAI-1000 will be able to:

1. Define and distinguish artificial intelligence, machine learning, and deep learning, and describe the difference between training and inference/
2. Represent a decision as a conditional (if-then-else) rule diagram or flowchart/
3. Explain the large-language-model pipeline (tokens → embeddings → attention → output) at a conceptual level to a non-expert audience.
4. Identify and classify at least three types of AI failure — hallucination, bias, and overconfidence — in a provided case study.
5. Evaluate a piece of AI-generated content for reliability using a provided checklist/rubric.
6. Describe at least two basic data-privacy or cybersecurity practices relevant to using AI tools.

List any units or content areas that will be required for all sections of this course.

N/A

List any assignments, tests, or other assessments that will be required for all sections of this course.

N/A

List any readings or other materials that will be required for all sections of this course.

N/A

List any course policies that will be required for all sections of this course.

N/A

If you would like to specify how requirements for contact hours must be met for all sections of this course, please indicate below. (e.g., if any experiential learning activities will replace seat time)

Typical 200 minutes/week.

Sample Syllabus

- [AAI1000-Syllabus.pdf](#)

Additional Documents

- [AAI1000-details.pdf](#)