

# HACD: A New Model for Co-Designing Courses with AI

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**The Goal (in winter 2021/2022):**  
Adapt the university's course design process into a more efficient model for corporate learning with shorter timelines.

**HACD came from this effort.**

**H:** Human Directed  
**A:** AI Assisted  
**C:** Course  
**D:** Design

**General Project Steps:**

1. Outline current course design process (ideation, design, review, QA, course wrap).
2. R&D to vet tools and output.
3. R&D to build initial seed prompts and prompt library.
4. Experiment with offloading tasks to GenAI within process.
5. Build new ID process.

**Outcomes:**

- 1st HACD course built in late 2022
- Reduced process from 3-3.5 mos. to 1.5-2 mos.
- Process refined and in use today

## What does it mean to co-design courses with AI?

It's not about human replacement; it's about fusion and augmentation.

- **Valuable Human Contributions:**  
provide context and parameters, make judgements, maintain values, generate creativity, and make ethical decisions.
- **Valuable AI Contributions:**  
speed, pattern recognition, data processing, generating drafts or options, and automating routine tasks, inspiration/invitation to deep or higher-level thinking.

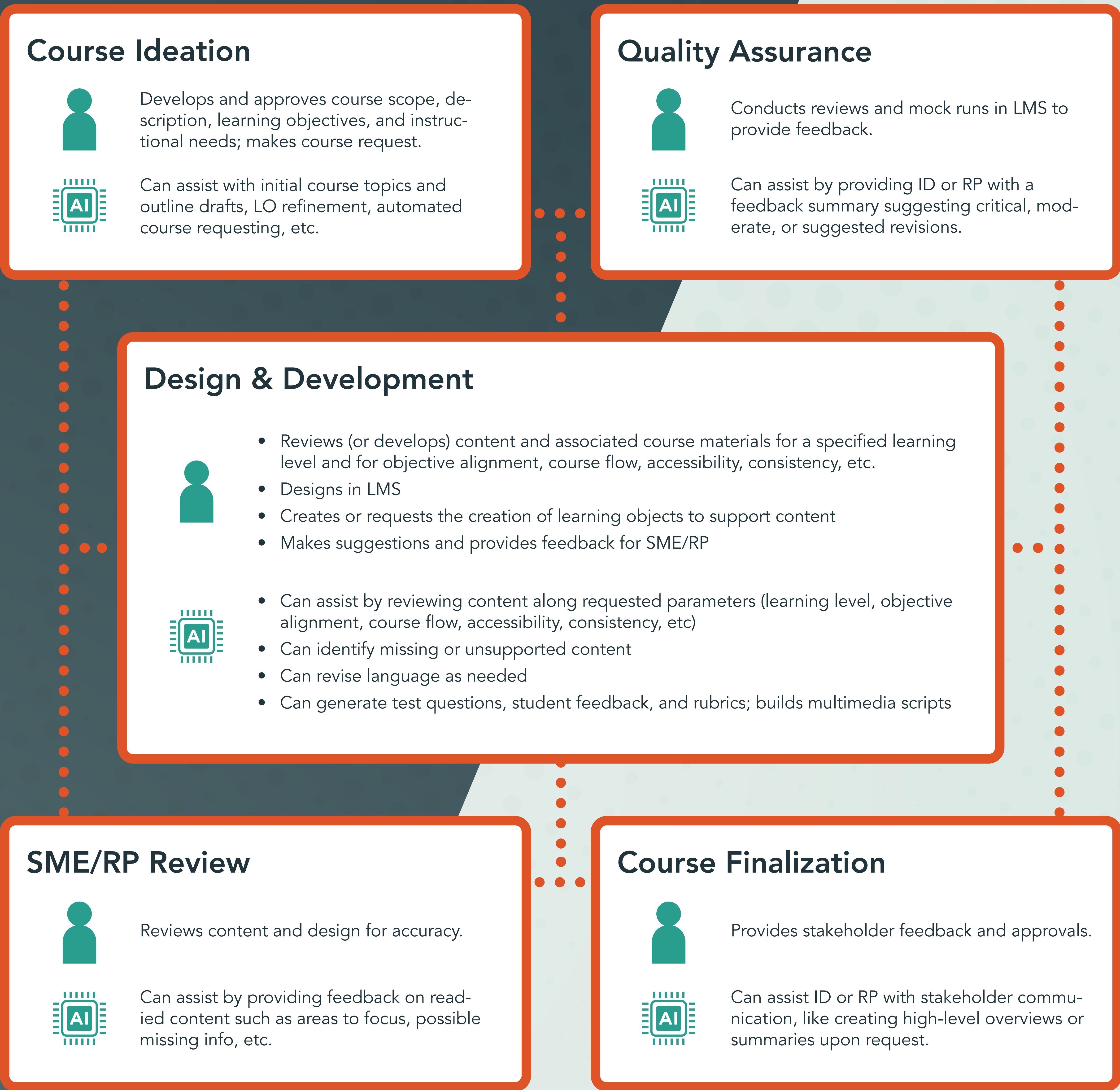
## Benefits and Challenges

**High Notes:**

- Optimizes the strengths of those in the process.
- Leverages a wider scope of knowledge.
- Speeds up the process while allowing humans to time to judge and refine.

**Low Notes:**

- Relies heavily on evaluation and judgment of output; may need to train reviewers.
- Content development may require several iterative rounds.
- Agents or agentic AI may take the place of this process in the future.



**KEY**

- Human tasks
- AI / Human fusion