



TEACHING NOTE for an in-person or hybrid class

Course Title: Algorithmic Governance for Business- Advanced

Teaching Objectives:

1. **Deep Understanding:** Ensure participants grasp the intricacies of algorithmic governance and its implications for modern businesses.
2. **Practical Application:** Equip participants with the skills to implement algorithmic governance in real-world business scenarios, especially in dynamic ecosystems.
3. **Critical Evaluation:** Foster the ability to critically assess the benefits, challenges, and ethical considerations of algorithmic governance.
4. **Case Study Analysis:** Enable participants to derive actionable insights from real-world examples, specifically focusing on Haier's implementation of algorithmic governance.
5. **Future Forecasting:** Encourage participants to anticipate future trends in algorithmic governance and its potential impact on global business landscapes.

Teaching Strategy:

1. **Interactive Lectures:** Utilize multimedia presentations to explain complex concepts, ensuring that theoretical knowledge is complemented by practical examples.
2. **Guest Experts:** Invite professionals who have firsthand experience with implementing algorithmic governance in businesses. Their insights will provide real-world context to theoretical knowledge.
3. **Discussion Forums:** Facilitate online discussions where participants can debate the merits and challenges of algorithmic governance, fostering a deeper understanding through peer interaction.
4. **Hands-on Workshops:** Organize sessions where participants can use tools and platforms related to artificial intelligence, machine learning, and computational decision-making. This practical exposure will solidify their understanding.
5. **Case Study Analysis:** Dedicate sessions to dissect the Haier case study, allowing participants to understand the real-world application of algorithmic governance in dynamic ecosystems.
6. **Scenario Planning:** Engage participants in exercises where they envision future scenarios for businesses, considering the evolving landscape of algorithmic governance.

Proposed Assessment:

1. **Quizzes (30% of final grade)**
 - Objective: Test participants' understanding of topics.
 - Format: Multiple-choice, true/false, and short-answer questions.
2. **Group Discussions (20% of final grade)**



- Objective: Encourage collaborative learning and exchange of diverse perspectives.
 - Format: Online discussion forums with weekly prompts related to key topics.
 - Assessment: Participants will be graded on the quality of their contributions and engagement with peers.
3. **Case Study Analysis: Haier (25% of final grade)**
- Objective: Assess participants' ability to apply course concepts to a real-world business scenario.
 - Format: Participants will analyze the Haier case study and submit a written report detailing their insights, recommendations, and rationale.
4. **Final Project (25% of final grade)**
- Objective: Participants will design an algorithmic governance model for a chosen business or industry.
 - Format: Written report detailing the model, its benefits, challenges, and potential impact.
 - Assessment: Projects will be graded on feasibility, depth of understanding, and creativity.