

PROGRAM PROPOSAL

AI Global Education and Competency Program

Two-Week Intensive AI Education and International Team Experience

Primary Purpose: Global education and strengthening global competencies

Proposed Period	Two weeks Dates to be determined
Proposed Cohort	Approximately XX visiting participants
Host	University of Nevada, Las Vegas (UNLV), College of Engineering
Program Theme	AI Program
Prepared For	Partner University / Institution
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1. Executive Summary

The University of Nevada, Las Vegas (UNLV) College of Engineering proposes a two-week AI Program designed primarily to provide global education and strengthen participants’ global competencies. The program combines practical AI instruction, hands-on activities, international team-based learning, professional engagement, and exposure to the U.S. academic and technology environment.

The academic experience will introduce participants to major AI concepts and applications, including generative AI, machine learning, cloud AI, AI security, autonomous systems, and responsible AI. Students will apply course concepts through short practical exercises and an international team project, while developing communication, collaboration, problem-solving, and cross-cultural skills. The program may also include up to two company, laboratory, or innovation-center visits and selected cultural or professional activities.

2. Program Background and Rationale

AI literacy and global competency are increasingly connected. Students need not only technical knowledge, but also the ability to communicate across cultures, work in international teams, present ideas in English, and understand how technology is developed and applied in different professional environments. A two-week intensive program provides a practical format for combining these objectives.

- Build practical understanding of major AI concepts, tools, and applications.
- Strengthen English-language technical communication and presentation skills.
- Develop teamwork and problem-solving in an international academic environment.
- Expose participants to U.S. university, engineering, technology, and innovation settings.
- Encourage responsible, ethical, and globally aware use of AI.

3. Proposed Program at a Glance

Item	Proposed Framework
Duration	2 weeks
Cohort Size	Approximately XX visiting students
Primary Focus	Global education and global competency development
Academic Theme	AI Program
Learning Format	Lectures, hands-on activities, team project, professional engagement, and presentations
Team Structure	Small mixed teams; international/UNLV student participation may be included subject to availability
Company / Professional Visits	Up to two visits, subject to availability and final schedule
Accommodation	Hotel near the UNLV campus
Language	English; targeted support may be provided
Completion	UNLV program completion certificate based on attendance and successful completion of required work

4. Learning Outcomes

- Explain core concepts and practical applications of artificial intelligence at an appropriate introductory-to-intermediate level.
- Use selected AI tools for problem-solving, analysis, communication, or prototyping.
- Recognize major opportunities, limitations, security issues, and ethical considerations associated with AI.
- Collaborate effectively in an international team with defined responsibilities and shared deliverables.
- Communicate technical ideas in English through discussion, teamwork, and a final presentation.
- Reflect on differences in academic, professional, and cultural approaches to technology and teamwork.

5. Educational Curriculum

Module	Topic	Representative Content
Module 1	AI Foundations and Generative AI	What AI and generative AI are; machine-learning foundations; text and image generation; prompt design; multimodal tools; limitations and verification of AI-generated content.
Module 2	Applied AI and Engineering Applications	Selected applications in data analytics, cloud AI, computer vision, AI security, autonomous systems, robotics, productivity, and engineering problem-solving.
Module 3	Responsible AI and Global Practice	Ethics, privacy, security, academic integrity, responsible AI use, global technology trends, professional communication, and cross-cultural teamwork.
Module 4	International Team Project	Problem definition, project planning, use of AI tools, prototype or concept development, testing, documentation, and final English-language presentation.

6. Two-Week Program Schedule

Period	Primary Activities
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Period	Primary Activities
Week 1 – AI Foundations and Global Teamwork	Orientation; introduction to AI and generative AI; machine-learning fundamentals; prompt design and practical AI tools; applied AI examples; responsible AI; cross-cultural teamwork workshop; team formation; project topic selection and design review; professional or company/lab visit.
Week 2 – Applied Project and Global Competency Development	Applied AI workshops; team project development; mentor feedback; technical English and presentation practice; professional seminar and/or second visit; project testing and refinement; final team presentations; individual reflection; certificate ceremony.

7. International Team Project

- Teams select or receive an AI-related problem appropriate to participant preparation and the two-week schedule.
- Teams define roles, project objectives, expected output, and an implementation plan.
- Projects may involve generative AI, data analysis, cloud AI, AI security, computer vision, autonomous systems, or another approved AI application.
- Expected final output may be a prototype, proof of concept, analysis, presentation, or AI-enabled solution concept.
- The final presentation will emphasize technical understanding, teamwork, problem-solving, responsible AI use, and English communication.

8. Student Selection Criteria

- Current enrollment in engineering, computer science, AI, data science, business/technology, or another field where AI applications are relevant.
- Satisfactory academic standing as determined by the home university.
- Interest in AI, international learning, and team-based project work.
- Ability and willingness to participate in English-language lectures, teamwork, and presentations.
- Commitment to full attendance, professional conduct, and completion of the program requirements.
- Prior programming or AI experience is helpful for technical project tracks but may not be required for all participants; final prerequisites will depend on the confirmed curriculum.

9. Assessment and Completion Requirements

Assessment	Weight	Description
Attendance and Participation	25%	Active participation in classes, workshops, team meetings, professional activities, and discussions.
Applied Activities / Assignments	20%	Completion of short AI exercises or practical activities.
Team Project Process	25%	Planning, teamwork, problem-solving, use of feedback, documentation, and responsible use of AI.
Final Presentation / Demonstration	20%	Quality and clarity of final output and English-language communication.
Individual Reflection	10%	Reflection on AI learning, cross-cultural teamwork, and global competency development.

Recommended completion standard: at least 80% attendance, satisfactory participation, completion of required activities, and completion of the final team project and presentation.

10. Certificate and Academic Documentation

Students who satisfy the completion requirements will receive a program completion certificate issued by the host unit. The certificate is expected to include the participant name, program title, program dates, and host institution. Any home-university academic recognition or credit remains subject to the home institution's policies.

11. Company Visits and Global Professional Engagement

- Up to two company, laboratory, or innovation-center visits related to AI, technology, engineering, or entrepreneurship, subject to availability.
- Visits may include a company overview, technical presentation, facility tour, employee discussion, and career Q&A.
- Alternative faculty panels, laboratory visits, startup/innovation sessions, or professional seminars may be substituted when appropriate.
- Selected cultural activities may be included to strengthen understanding of the U.S. academic and cultural environment.

12. Accommodation, Transportation, and Student Support

- Accommodation: hotel near the UNLV campus; final property subject to availability, room configuration, and negotiated group rate.
- Local transportation: airport transfers and scheduled program transportation to be defined in the final budget.
- Meals: breakfast and/or selected group meals may be included depending on the final package.
- Student support: pre-arrival information, orientation, emergency contact procedures, campus guidance, and program coordination.
- Insurance and travel documents: participants must maintain required passport, visa/entry authorization, travel insurance, and health coverage.

13. Roles and Responsibilities

Party	Primary Responsibilities
UNLV / Host Unit	Academic curriculum; instructors/mentors; classroom/computing/lab coordination; team-project guidance; certificate issuance; professional visit coordination; student support and program administration as agreed.
Partner University / Institution	Student recruitment and selection; participant preparation; academic approval; international travel coordination; payment according to the final agreement; designated faculty/staff liaison.
Participants	Travel documents and insurance; compliance with university, hotel, company, and safety rules; full academic participation; professional conduct; completion of program requirements.

14. Contact

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