

Vision: Become the source for construction education and research

Provide:

- Certificate Program for Trades in Construction. **(NEW)**
- B.S. in Construction Management.
- M.S. in Construction Management (Traditional, Online, and Executive).
- Ph.D. in partnership with Civil Engineering, and School of Business **(NEW)**
- Immersive Project Management Workshops. **(NEW)**
- OSHA Training Institute (Construction, General Industry, Agriculture and Maritime). **(NEW)**
- Moss Construction Management Institute. **(NEW - Required by Donor)**

Strategic Advantages:

- **Location, Location, Location!** Florida is third among the States with the highest employment level.¹
- **We have a strong and supportive industry**, and have many top executives in our Advisory Board.
- **Top notch faculty** with research and teaching experience.
- **Participation in student competitions:** Expand our current efforts to cover additional competitions.

Opportunities:

- **Partnership with the School of Business, and the School of Architecture.** Hire faculty members with business and architecture backgrounds to expand the research arm into the business and architecture realm, and promote collaboration with the Schools of Business and the School of Architecture.
- **Partnership with all industry associations** to promote the MSCIS, their events, students, and faculty.
- **Partnership with top organizations** such as the PMI, ASCE, and others.
- **Engage technology driven companies** to incorporate state-of-the-art advances in the classroom.
- **Expand our student chapters** to include additional organizations such as NAHB, Latin Builders, and others.

Bringing Down the Silos:

- We need a strong support from the Civil Engineering department to produce Ph.D. students under the supervision of faculty from the School of Construction.

Compliance with the gift agreement between Moss Foundation and FIU

Foundation:

“It is understood that this Gift ensures that the Moss School will remain independent in perpetuity.”

- Moss Foundation Scholarship Endowment.
- Moss Endowed Chair in Construction Management.
- Moss School of Construction Infrastructure and Sustainability Endowment.
- Maintain decisions on curriculum, faculty lines, and tenure and promotion.

¹ <https://www.bls.gov/oes/current/oes470000.htm>

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Action plan:

Short-term (within one year):

1. Promote the Moss School of Construction, Infrastructure, and Sustainability programs and restructure to increase the visibility within local schools and the industry.
2. Assign a Director of Graduate Studies to a faculty member with a strong interest in promoting research in Construction. Evaluate research opportunities with other colleges and universities. Evaluate graduate program accreditation under ACCE or ABET. – DONE: Dr. Nipesh Pradhananga
3. Support our Director of Undergraduate Studies to a faculty member with a strong interest in teaching, as well as supporting the efforts of ACCE accreditation.
4. Reach out to local high schools to promote our programs and recruit students.
5. Launch the Certificate Program on Construction Basic Trades. (Ongoing)
6. Re-launch the Executive M.S. in Construction Management Program.
7. Create and lead the Moss Construction Management Institute to provide services and training to individuals and companies outside the B.S., M.S., and Ph.D. programs.
8. Launch the Immersive Workshop in Project Management (or Construction Management) Program.
9. Launch the OSHA Training Institute (OTI) as a host of the Volunteer State Community College's OTI.
10. Create a plan with the input of the faculty, staff, and industry to elevate the ranking of the School. Find where we are now, where do we want to be, and identify the steps necessary to get there.

Mid-term (two to five years):

11. Reach out nationwide to promote our programs.
12. Expand the programs with maximum visibility and support.
13. Launch FIU's own OSHA Training Institute.
14. Build a facility where we can teach the trades, create classroom areas, and establish office areas for students and faculty to host the different programs carried by the School.
15. Escalate our program to the top 20 construction programs in the nation.

Long-term (five to ten years):

16. Reach out worldwide to promote our programs.
17. Escalate our program to the top 10 construction programs in the nation.

Needs from the FIU administration to achieve this vision:

- i. Support to "bring down the silos" between Construction Management and Civil Engineering.
- ii. Support to hire Instructors, Adjunct Faculty, Assistant Professors, and Program Managers as needed to support the vision of the School.
- iii. Provide physical space for the new personnel, students, and programs as needed to support the vision of the School.
- iv. Support to distribute the funds from the Gift Agreement between the Moss Foundation and the FIU Foundation to support the vision of the Donor and the School.
- v. Provide physical location to build a facility that would promote the growth of the School.