

TEXAS STATE VITA

I. Academic/Professional Background

A. Name and Title

Name: Dr. Selen Hatipkarasulu

Title: Senior Lecturer

B. Educational Background

<i>Degree</i>	<i>Year</i>	<i>University</i>	<i>Major</i>	<i>Thesis/Dissertation</i>
PHD	2006	Louisiana State Univ A&M College	Engineering Science	Hatipkarasulu, 2006. "Loading and recovery behavior of the human lumbar spine under static flexion." Doctoral Dissertation, The Interdepartmental Program in Engineering Science, Louisiana State University, Baton Rouge, LA. etd-04032006-182820. Available at http://etd.lsu.edu/docs/available/etd-04032006-182820/
MSIE	2002	Louisiana State Univ A&M College	Industrial Engineering	

C. University Experience

<i>Position</i>	<i>University</i>	<i>Comments</i>	<i>Dates</i>
Senior Lecturer, Department of Engineering Technology	Texas State University. San Marcos, TX, United States		2020 - 2024
Senior Lecturer, Department of Construction Science	The University of Texas at San Antonio. San Antonio, TX, United States		2014 - 2020
Adjunct Assistant Professor - Full Time, Department of Construction Science	The University of Texas at San Antonio. San Antonio, TX,		2013 - 2014

<i>Position</i>	<i>University</i>	<i>Comments</i>	<i>Dates</i>
Adjunct Assistant Professor - Part Time, Department of Construction Science	United States The University of Texas at San Antonio. San Antonio, TX, United States		2012 - 2013
Instructor and Teaching Assistant, Department of Industrial Engineering	Louisiana State University. Baton Rouge, LA, United States		2002 - 2005
Research Assistant, Department of Industrial Engineering	Louisiana State University. Baton Rouge, LA, United States		2002 - 2005
Research Assistant, Department of Orthopedics	Louisiana State University Medical School. New Orleans, LA, United States		2001 - 2002

D. Relevant Professional Experience

<i>Position</i>	<i>Entity</i>	<i>Comments</i>	<i>Dates</i>
Technical Manager	Nurol Construction and Trading Co Inc., Hatay, Turkey		1997 - 1999
Project Engineer	Nurol Construction and Trading Co Inc., Hatay, Turkey		1996 - 1997

E. Other Professional Credentials (licensure, certification, etc.)

Certificate of Professional Membership, The American Society of Safety Professionals.
(September 2022 - Present).

OSHA Outreach Trainer, Occupational Safety and Health Administration, United States
Department of Labor. (2022 - October 27, 2025). License Number: 25-000107038.

OSHA Outreach Trainer, Occupational Safety and Health Administration, United States
Department of Labor. (2018 - February 8, 2022). License Number: 25-00105835.

OSHA Outreach Trainer, Occupational Safety and Health Administration, United States
Department of Labor. (2014 - April 11, 2018). License Number: Trainer ID# 1277195.

II. TEACHING**B. Courses Taught:**

Texas State University:

CSM 3360 - STRUCTURAL ANALYSIS

CSM 3361 - COMMERCIAL BLDG CONST SYSTEMS

CSM 4361 - CONSTRUCTION ESTIMATING

CSM 4364 - CONSTRUCTION PROJECT MGT & SCH

CSM 4380 - CONSTRUCTION SAFETY

TECH 2351 - STATICS & STRENGTH

TECH 5365 - INDUS MGT & SCHED

TEXAS STATE UNIVERSITY							
FACULTY EVALUATION SUMMARY							
Fall 2024	TECH 2351.002	CSM 3360.001	CSM 4364.002	CSM 4380.001	TECH 2351.002	Sections Combined	Lowest Dropped
Learning (1-4)	4.19	4.59	4.34	4.65		4.44	4.53
Enthusiasm (5-6)	4.56	4.77	4.28	4.85		4.62	4.73
Organization (7-10)	4.56	4.77	4.01	4.73		4.52	4.69
Ind. Rapport (11-13)	4.25	4.82	4.26	4.74		4.52	4.61
Examinations (14-18)	4.60	4.73	4.15	4.71		4.55	4.68
Assignments (19-20)	3.63	4.32	3.71	4.23		3.97	4.09
Summer 2024	CSM 4361.751	CSM 4364.751				Sections Combined	Lowest Dropped
Learning (1-4)	4.83	4.75					
Enthusiasm (5-6)	4.83	4.73					
Organization (7-10)	4.67	4.66					
Ind. Rapport (11-13)	4.83	4.67					
Examinations (14-18)	4.83	4.82					
Assignments (19-20)	4.67	4.14					
Spring 2024	TECH 2351.002	CSM 3360.001	CSM 4364.001	CSM 4364.002	CSM 4380.001	Sections Combined	Lowest Dropped
Learning (1-4)							
Enthusiasm (5-6)							
Organization (7-10)							
Ind. Rapport (11-13)							

Examinations (14-18)							
Assignments (19-20)							
Fall 2023	TECH 2351 .002	CSM 3360 .001	CSM 4364 .001	CSM 4364 .002	CSM 4380 .001	Sections Combined	Lowest Dropped
Learning	4.64	4.44	4.61	4.75	4.48	4.58	4.62
Enthusiasm	4.83	4.66	4.64	4.81	4.64	4.72	4.74
Organization	4.64	4.51	4.59	4.88	4.59	4.64	4.68
Ind. Rapport	4.76	4.68	4.67	4.87	4.61	4.72	4.75
Examinations	4.80	4.47	4.64	4.85	4.59	4.67	4.72
Assignments	3.86	4.19	4.71	4.77	4.35	4.38	4.50
Summer 2023	CSM 4361 .751	CSM 4364 .751				Sections Combined	Lowest Dropped
Learning	4.72	4.75				4.74	4.75
Enthusiasm	4.76	4.83				4.80	4.83
Organization	4.65	4.83				4.74	4.83
Ind. Rapport	4.73	4.85				4.79	4.85
Examinations	4.74	4.82				4.78	4.82
Assignments	4.31	4.44				4.38	4.44
Spring 2023	CSM 4380 .252	TECH 5365 .251	CSM 4380 .251	CSM 4364 .251	TECH 2351 .252	Sections Combined	Lowest Dropped
Learning	4.33	4.69	4.75	4.65	4.48	4.58	4.64
Enthusiasm	4.65	4.79	4.83	4.82	4.45	4.71	4.77
Organization	4.60	4.77	4.79	4.69	4.40	4.65	4.71
Ind. Rapport	4.82	4.81	4.84	4.80	4.61	4.78	4.82
Examinations	4.51	4.80	4.71	4.84	4.52	4.68	4.72
Assignments	4.12	4.54	4.64	4.68	4.34	4.46	4.55
Fall 2022	CSM 4380 .001	CSM 4364 .001	CSM 3361 .001			Sections Combined	Lowest Dropped
Learning	4.55	4.81	4.30			4.55	4.68
Enthusiasm	4.78	4.90	4.43			4.70	4.84
Organization	4.69	4.86	4.52			4.69	4.78
Ind. Rapport	4.70	4.93	4.57			4.73	4.81
Examinations	4.72	4.93	4.51			4.72	4.82
Assignments	4.42	4.63	4.11			4.38	4.52
Spring 2022	CSM 4380 .252	CSM 4364 .251	CSM 4380 .251			Sections Combined	Lowest Dropped
Learning	4.73	4.52	4.47			4.57	4.62
Enthusiasm	4.79	4.69	4.54			4.67	4.74
Organization	4.85	4.75	4.48			4.69	4.80
Ind. Rapport	4.82	4.72	4.60			4.71	4.77

Examinations	4.80	4.72	4.53			4.68	4.76
Assignments	4.50	4.31	4.25			4.35	4.40
Fall 2021	CSM 4364 .001	CSM 4380 .001	CSM 3361 .001			Sections Combined	Lowest Dropped
Learning	4.49	4.72	4.66			4.63	4.69
Enthusiasm	4.65	4.76	4.83			4.75	4.80
Organization	4.67	4.88	4.73			4.76	4.81
Ind. Rapport	4.57	4.79	4.83			4.73	4.81
Examinations	4.57	4.84	4.76			4.72	4.80
Assignments	4.37	4.58	4.75			4.57	4.66
Summer 2021	CSM 4380 .501					Sections Combined	Lowest Dropped
Learning	4.75					4.75	0.00
Enthusiasm	5.00					5.00	0.00
Organization	4.83					4.83	0.00
Ind. Rapport	4.94					4.94	0.00
Examinations	4.83					4.83	0.00
Assignments	4.33					4.33	0.00
Spring 2021	CSM 4364 .251	CSM 4380 .251	CSM 4380 .252			Sections Combined	Lowest Dropped
Learning	4.59	4.35	4.32			4.42	4.47
Enthusiasm	4.76	4.63	4.59			4.66	4.69
Organization	4.74	4.63	4.58			4.65	4.68
Ind. Rapport	4.77	4.52	4.52			4.60	4.65
Examinations	4.77	4.52	4.63			4.64	4.70
Assignments	4.32	3.98	4.24			4.18	4.28
Fall 2020	CSM 3361 .003	CSM 3360 .001	CSM 4364 .003			Sections Combined	Lowest Dropped
Learning	4.19	4.19	4.33			4.23	4.26
Enthusiasm	4.52	4.61	4.62			4.58	4.61
Organization	4.56	4.60	4.64			4.60	4.62
Ind. Rapport	4.62	4.61	4.73			4.65	4.67
Examinations	4.49	4.64	4.60			4.58	4.62
Assignments	3.88	3.77	4.20			3.95	4.04

Louisiana State University:

IE 3201 - Principles of Engineering Economy

IE 4461 - Human Factors Engineering Laboratory

IE 4462 - Safety Engineering

IE 7464 - Work Physiology Laboratory

IE 7465 - Occupational Biomechanics Laboratory

The University of Texas at San Antonio:

CSM 3143 - Structures I

CSM 3621 - Construction Safety I

CSM 4023 - Construction Estimating II

CSM 4623 - Construction Safety II

CSM 4653 - Advanced Construction Safety (Special Topics)

CSM 5433 - Construction Safety Planning and Management

SEMESTER	COURSE	Enrollment	Instructor Evaluation 5.0 Scale
Spring 2020	CSM 4023.901 Construction Estimating II	11	N/A (Covid)
	CSM 4023.902 Construction Estimating II	25	N/A (Covid)
	CSM 4623.901 Construction Safety II	35	N/A (Covid)
Fall 2019	CSM 3143.901 Structures I	23	4.9
	CSM 4023.902 Construction Estimating II	12	5.0
	CSM 4023.901 Construction Estimating II	23	5.0
	CSM 4623.901 Construction Safety II	34	4.9
Spring 2019	CSM 3143.901 Structures I	42	4.8
	CSM 4023.902 Construction Estimating II	11	4.9
	CSM 4023.901 Construction Estimating II	22	4.6
	CSM 4623.901 Construction Safety II	43	4.8
Fall 2018	CSM 3143.901 Structures I	44	4.8
	CSM 4023.902 Construction Estimating II	17	4.9
	CSM 4023.901 Construction Estimating II	18	4.6
	CSM 4623.901 Construction Safety II	35	4.8
Spring 2018	CSM 3143.901 Structures I	41	4.5
	CSM 4023.902 Construction Estimating II	11	4.8
	CSM 4023.901 Construction Estimating II	20	5.0
	CSM 4623.901 Construction Safety II	35	4.8
Fall 2017	CSM 3143.901 Structures I	32	4.5
	CSM 3143.902 Structures I	25	4.5
	CSM 4023.901 Construction Estimating II	25	4.9
	CSM 4623.901 Construction Safety II	35	4.6
Spring 2017	CSM 3143.901 Structures I	28	4.5
	CSM 4023.901 Construction Estimating II	21	4.8
	CSM 4623.901 Construction Safety II	35	5.0
Fall 2016	CSM 3143.901 Structures I	25	4.5
	CSM 4023.902 Construction Estimating II	18	4.8
	CSM 4023.901 Construction Estimating II	9	3.8
	CSM 4623.901 Construction Safety II	30	4.4
Spring 2016	CSM 4023.901 Construction Estimating II	18	4.8
	CSM 4023.902 Construction Estimating II	9	4.7
	CSM 4623.901 Construction Safety II	27	4.8
	CSM 4623.901 Construction Safety II	27	4.8
Fall 2015	CSM 3143.901 Structures I	27	4.4
	CSM 4023.902 Construction Estimating II	18	4.8
	CSM 4023.901 Construction Estimating II	17	4.7
Summer 2015	CSM 3621.91M Construction Safety I	20	4.8
	CSM 3621.92M Construction Safety I	20	5.0
	CSM 3621.93M Construction Safety I	20	5.0

D. Courses Prepared and Curriculum Development:

TECH 2351 - Statics and Strength of Materials, First Time Course Preparation: January 2023 - 2023.

CSM 4361 - Construction Estimating, First Time Course Preparation: July 2023 - August 2023.

TECH 5365 - Industrial Project Management and Scheduling, First Time Course Preparation: January 2023 - May 2023.

CSM 4380 - Construction Safety, First Time Course Preparation: January 2021 - December 2021.

CSM 3360 - Structural Analysis, First Time Course Preparation: August 2020 - December 2020.

CSM 3361 - Commercial Building and Construction Systems, First Time Course Preparation: August 2020 - December 2020.

CSM 4364 - Construction Project Management and Scheduling, First Time Course Preparation: August 2020 - December 2020.

CSM 4361 - Construction Estimating, Revise Existing Course: July 2023 - August 2023.

TECH 2351 - Statics and Strength of Materials, Revise Existing Course: January 2023 - May 2023.

TECH 5365 - Industrial Project Management and Scheduling, Revise Existing Course: January 2023 - May 2023.

CSM 3361 - Commercial Building and Construction Systems, Revise Existing Course: January 2021 - December 2021.

CSM 4364 - Construction Project Management and Scheduling, Revise Existing Course: January 2021 - December 2021.

III. SCHOLARLY/CREATIVE

A. Works in Print (including works accepted, forthcoming, in press):

2. Articles:

a. Refereed Journal Articles:

Hatipkarasulu, G. S., Aghazadeh, F., & Nimbarte, A. (2011). Loading and recovery behavior of the human lumbar spine under static flexion. *Work: A Journal of Prevention, Assessment & Rehabilitation*, 38, 111–122.

Solomonow, Hatipkarasulu, G. S., Zhou, Baratta, & Aghazadeh. (2003). Biomechanics and Electromyography of a Common Idiopathic Low Back Disorder. *Spine*, 28, 1235–1248.

Vij, Aghazadeh, Hatipkarasulu, G. S., & Ray. (2003). Effects of complex aural stimuli on mental performance. *Journal of Human Ergology*, 32, 49–55.

Li, Aghazadeh, Hatipkarasulu, G. S., & Ray. (2003). Health Risks from Exposure to Metal-Working Fluids in Machining and Grinding Operations. *International Journal of Occupational Safety and Ergonomics*, 9, 75–95.

3. Conference Proceedings:

a. Refereed Conference Proceedings:

Hatipkarasulu, Y., & Hatipkarasulu, G. S. (2021). Direct Assessment of Student Learning Outcomes. Retrieved from <https://peer.asee.org/36983https://peer.asee.org/36983>

Talley, K. G., Spencer, B. J., Hatipkarasulu, G. S., & Kisi, K. P. (2021). Work in Progress: Finding the Holes in Safety Education. [work-in-progress-finding-the-holes-in-safety-education-1.pdf](#)

Kisi, K. P., Talley, K. G., Spencer, B. J., & Hatipkarasulu, G. S. (Published). Work in Progress: Gaming our Way to Increased Math Self-efficacy and Opening the Gate to STEM Major. [work-in-progress-gaming-our-way-to-increased-math-self-efficacy-and-opening-the-gate-to-stem-majors-1.pdf](#)

Hatipkarasulu, G. S., Solomonow, Aghazadeh, & Ray. (2002). Biomechanical Testing of the Spine.

b. Non-refereed:

Hatipkarasulu, Y., & Hatipkarasulu, G. S. (2022). An Organizational Review of CIP Code Designations for Construction Science, Technology, Engineering, and Management Programs and Curriculum.

B. Works Not in Print:

1. Papers Presented at Professional Meetings:

Talley, K. G., Spencer, B. J., Hatipkarasulu, G. S., Kisi, K. P., 2021 ASEE Annual Conference, "Work in Progress: Finding the Holes in Safety Education." (July 2021).

Kisi, K. P., Talley, K. G., Spencer, B. J., Hatipkarasulu, G. S., 2021 ASEE Annual Conference, "Work in Progress: Gaming our Way to Increased Math Self-efficacy and Opening the Gate to STEM Majors." (July 2021).

2. Invited Talks, Lectures, and Presentations:

Hatipkarasulu, G. S., Guest Lecture, "Educational Planning and Decision Making Presentation," Northwest Vista College, San Antonio, TX. (November 15, 2023).

Hatipkarasulu, G. S., NASA Summer Camp, "Fundamentals of Construction Estimating." (July 13, 2023).

Additional Comments: * Discussions on estimating and how it relates to Engineering

* Interactive demonstration using Tinker Toys

Hatipkarasulu, G. S., Panel Discussion, "AEC/O Industry Women's Mini-Forum and Workshops: Invest in Women and Watch Them Thrive!," Institute for Leadership in Capital Projects (I-LinCP). (January 13, 2016).

4. Workshops:

Hatipkarasulu, G. S., OSHA 10 Training, "OSHA 10-Hour Construction Outreach Training," CSA at Texas State University. (February 12, 2021).

Additional Comments: Conducted OSHA 10-Hour Construction Outreach Training (February 12 & 13, 2021) for CSA.

Hatipkarasulu, G. S., Technical Report, "Immigration Processing Procedure Manual," Department of Labor, State of Louisiana. (2003).

Additional Comments: Developed a Procedure Manual for Immigration used by the State of Louisiana

C. Scholarly / Creative Grants and Contracts:

1. Funded External Grants and Contracts:

Kisi, Krishna P (Principal), Hatipkarasulu, Guntulu Selen (Supporting). Fall Prevention/Protection, Other. (Funded: 2021 - Present). Grant.

Hatipkarasulu, Guntulu Selen. Procedure Analysis and Manual Development for Immigration Procedures of Department of Labor, Department of Labor, State of Louisiana, Federal. (Funded: 2003 - Present). Grant.

Additional Comments: Developed a Procedure Manual for Immigration used by the State of Louisiana

Hatipkarasulu, Guntulu Selen. Traffic Delay Observations under Construction, Louisiana Transportation Research Center, Baton Rouge, LA and Department of Industrial and Manufacturing Engineering, College of Engineering, Louisiana State University, State. (Funded: 2002). Grant.

Additional Comments: Observation of Traffic Delay Behavior using GPS mapping and traffic counts for La Place and Lake Charles Areas.

3. Funded Internal Grants and Contracts:

Kisi, Krishna P (Principal), Talley, Kimberly Grau (Co-Principal), Spencer, Bobbi J (Co-Principal), Hatipkarasulu, Guntulu Selen (Co-Principal), Smith, Kenneth Scott (Supporting). Overcoming Mathematical Hesitancy in the Pursuit of STEM Degrees: Applied Mathematics through the AR/VR Training Lens, Big Ideas, Texas State University. (Submitted: 2020). Sponsored Research.

4. Submitted, but not Funded, Internal Grants and Contracts:

Kisi, Krishna P (Principal), Talley, Kimberly Grau (Co-Principal), Spencer, Bobbi J (Co-Principal), Hatipkarasulu, Guntulu Selen (Co-Principal), Smith, Kenneth Scott (Supporting). Overcoming Mathematical Hesitancy in the Pursuit of STEM Degrees: Applied Mathematics through the AR/VR Training Lens, Big Ideas, Texas State University, Texas State University, \$39,800.00. (Submitted: 2020). Sponsored Research.

Additional Comments: Selected for Big Ideas proposal competition but not funded

D. Scholarly / Creative Fellowships, Awards, Honors:

Award / Honor Recipient: Graduate Student Award, Louisiana State University.
2003 - Present

Additional Comments: I received the Graduate Student Award in 2003 while at the College of Engineering, Louisiana State University (\$3,000).

Award / Honor Recipient: The National Society of Collegiate Scholars.
2003 - Present

Additional Comments: Member, The National Society of Collegiate Scholars is an honor society inviting high-achieving college students. I was nominated, inducted, and joined the NSCS in 2003.

Award / Honor Recipient: Economic Development Award, Board of Regents, State of Louisiana.
2002 - 2004

Additional Comments: My doctoral research was nominated and won the Economic Development Award (\$25,000) by the Board of Regents, State of Louisiana, Baton Rouge, LA

* Awarded by the Board of Regents to doctoral students whose research directly affects economic development in Louisiana.

E. Scholarly / Creative Professional Development Activities Attended:

Conference Attendance, "ACCE Midyear Conference 2021 - Virtual Version." (February 15, 2021 - February 19, 2021).

IV. SERVICE

A. Institutional

1. University:

Member, Faculty of Color at Texas State. (September 2021 - Present).

Member, Nontenure Line Faculty Committee. (September 2021 - Present).

Additional Comments: Serving as a member representing the Department of Engineering Technology.

Participant, Commencement Ceremony. (August 2020 - Present).

Additional Comments: Participated in commencement ceremonies since 2020 - present

2. College:

Undergraduate Advisor, COSE Advising. (August 2020 - Present).

Additional Comments: Faculty Advisor to Students - Undergraduate COSE Advising

3. Department/School:

Member, Statics and Strength of Materials Committee. (January 2023 - Present).

Member, Accreditation Committee. (January 2021 - Present).

Member, Curriculum Committee. (January 2021 - Present).

Member, Matriculation Committee. (2021 - Present).

Member, Matriculation Committee. (January 2021 - Present).

Member/Participant/Advisor, Construction Science and Management Program.
(January 2021 - Present).

Additional Comments: In Spring, Summer, and Fall 2021, the following service activities were completed:

- Participated in the Department of Engineering Technology and CSM program meetings.

- Participated in the curriculum committee.

- Participated in the accreditation committee.

- Participated in the matriculation committee.

- Participated in the construction career fairs.

- Completed ABET assessment for Commercial Construction, Construction Scheduling and Construction Safety courses.

- Advised ABC/ASC student competitions.

Co-Advisor, Faculty Co-Advisor to Student Competition Teams. (August 2020 - Present).

Additional Comments: Faculty Advisor to Student Competition Teams -
ASC Region 5/TEXO Student Competition

Participant, Bobcat Days. (August 2020 - Present).

Additional Comments: Supported and participated in Bobcat Days since 2020 - present.

Participant, Career Fairs. (August 2020 - Present).

Additional Comments: Participated in Career Fairs since 2020 - present

Participant, Construction Advisory Board Meetings. (August 2020 - Present).

Additional Comments: Participated in Construction Advisory Board meetings since 2020 - present

Participant, Construction Student Association Activities. (August 2020 - Present).

Additional Comments: Participated in Construction Student Association activities August 2020 - present

Participant, Department and Program Meetings. (August 2020 - Present).

Additional Comments: Participated in Department and Program Meetings 2020 - present

D. Organization Memberships:

National Association of Women in Construction (NAWIC). (2023 - Present).

Additional Comments: Member At-Large: Active Member but not belonging to an affiliated Chapter of the Association

The American Society of Safety Professionals (ASSP). (2022 - Present).

Additional Comments: Member, ASSP Region III Central Texas Chapter, Construction Specialty

The American Society for Engineering Education (ASEE). (2021 - Present).

Additional Comments: Member, ASEE Construction Division

American Council for Construction Education (ACCE). (2013 - Present).

Additional Comments: Member, American Council for Construction Education

G. Service Professional Development Activities Attended:

Institute, "Update for Construction Industry Outreach Trainers," Texas A&M Engineering Extension Service, San Antonio, TX, United States. (October 25, 2021 - October 27, 2021).