

LYLE ENGINEERING & THE HART CENTER

*presents*  
GRADUATE

# FIELD GUIDE

DESIGNED TO LEAD, PROGRAMMED TO CHANGE

@  
SMU

2016



SMU | LYLE  
SCHOOL OF ENGINEERING

# ABOUT THE HART CENTER

BOBBY B. LYLE SCHOOL OF ENGINEERING AND THE HART CENTER FOR ENGINEERING LEADERSHIP



## THE HART CENTER FOR ENGINEERING LEADERSHIP SHAPES LYLE STUDENTS INTO EXCEPTIONALLY SUCCESSFUL ENGINEERS.

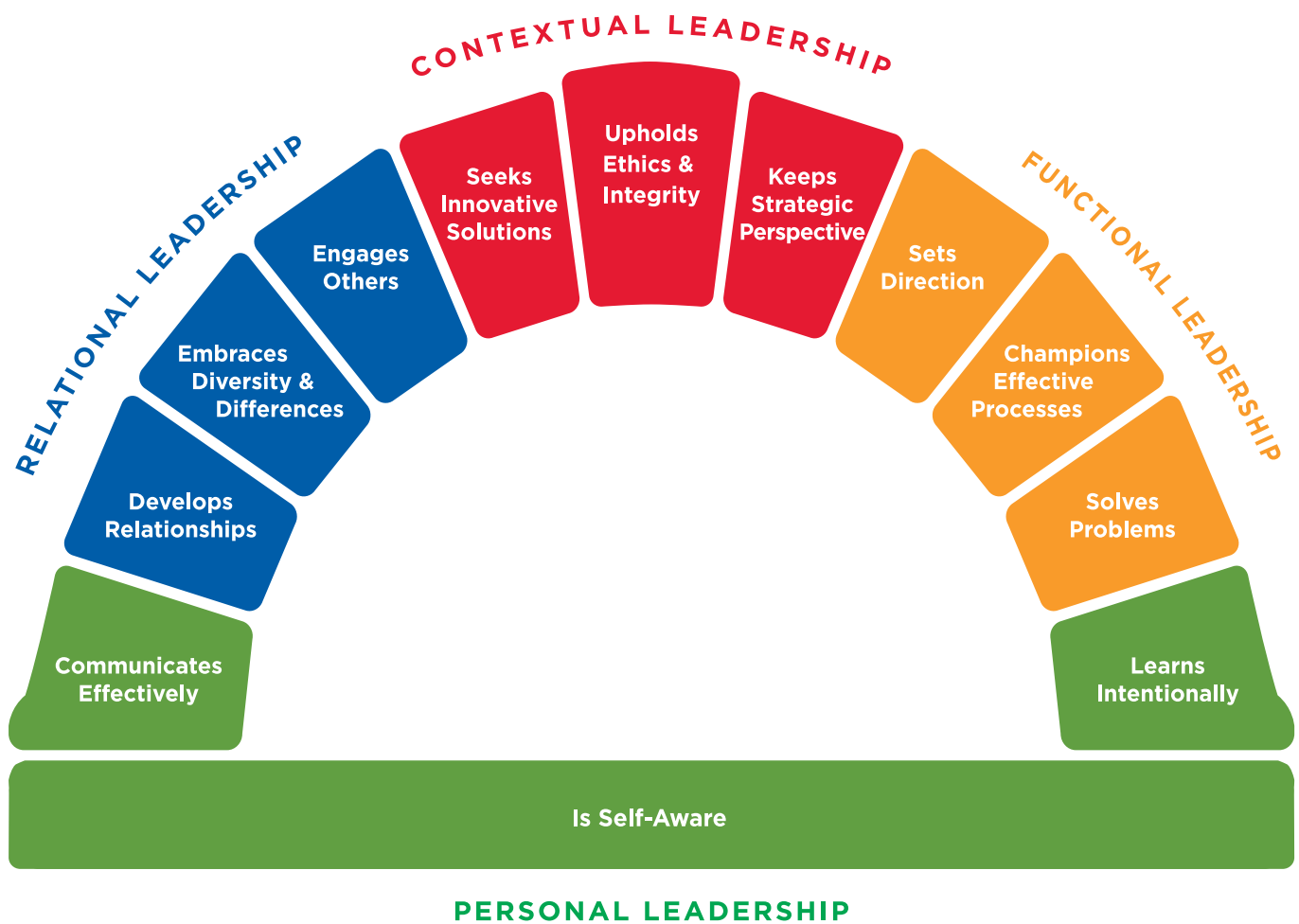
The Hart Center at SMU-Lyle takes the leadership and professional development of our students as seriously as their technical education. Our process starts with the Hart Leadership Assessment, a benchmark tool that reveals a student's leadership strengths and identifies areas for growth. Leadership coaches help students analyze results and create personal development plans, which are updated and refined throughout a student's academic experience. Through student leadership positions, co-op work experiences and internship opportunities available at SMU and in Dallas-Fort Worth's thriving business environment, students practice skills and challenge themselves continually to reach their leadership and professional goals. The Hart Center prepares Lyle students for the real business of engineering, giving students the tools they need for the college to career transition and encouraging lifelong personal and professional growth.



# Hart Leadership Framework

The Hart Leadership Framework—our guide to leadership and professional development—emphasizes these key elements of leadership growth:

- Personal
- Relational
- Functional
- Contextual



## Focus Areas and Related Competencies

**Personal Leadership (Base of Arch)** - Effective Leadership is built on a solid foundation. Personal leadership encompasses the self-awareness, knowledge, and personal management required of a leader. Leadership development begins with self-discovery: acknowledging personal strengths, shortcomings, and developing one's capacity for self-management. Leaders take responsibility for personal and professional development, a commitment that enriches them regardless of the career path they choose.

### A Good Personal Leader:

**Is Self-Aware:** Exhibits knowledge of personal values, strengths, shortcomings, and developmental opportunities. Uses self-assessment strategies to inform personal growth and development.

**Learns Intentionally:** Has knowledge of personal learning style and leverages this knowledge to enhance personal performance, knowledge of self, others, and leadership ability.

**Communicates Effectively:** Has the ability to communicate effectively through a variety of methods and media and within a range of contexts.

**Relational Leadership (Left side of Arch)** - We believe success hinges on an ability to work with and through others. Leaders must learn to form and maintain quality relationships built on mutual understanding, respect, compromise, and diligence. This capacity increases as leaders learn to understand differences, value diversity, inspire people, and hold others accountable.

### A Good Relational Leader:

**Develops Relationships:** Creates a positive, welcoming environment; sees issues from multiple points of view; and builds effective inter- and intra-group relationships.

**Embraces Diversity & Differences:** Recognizes the value of different perspectives, skill sets, and people; is able to facilitate productive outcomes in diverse groups.

**Engages Others:** Enables others to step up and lead; creates conditions for others to shine; generates collective commitment and learning.

## Focus Areas and Related Competencies cont.

**Functional Leadership (Right side of Arch)** - Engineering leaders have a responsibility, where possible, to help workgroups and organizations operate more effectively. All Lyle students have the opportunity to learn skills and processes that positively influence group functions, outcomes, and their ability to learn from experience. These practices are equally important for positional leaders as well as for members of self-directed teams.

### A Good Functional Leader:

**Sets Direction:** Coordinates members and maintains accountability for effective outcomes. Sets direction, communicates expectations and monitors progress.

**Champions Effective Processes:** Establishes systems and processes that facilitate efficient and effective outcomes.

**Solves Problems:** Facilitates effective problem identification and solving strategies; identifies and cultivates resources; delivers results.

**Contextual Leadership (Keystone)** - Leadership is best learned through practice. No leadership theory, model, or media resource conveys the fluid nature of leading in context. Environments are shaped by a dynamic array of situations and circumstances, where conditions change as people engage and disengage. Experience helps Lyle leaders learn to assess their context and appropriately adapt their style.

### A Good Contextual Leader:

**Seeks Innovative Solutions:** Displays the courage to initiate positive change, is innovative, and will risk failing in front of peers.

**Upholds Ethics & Integrity:** Knowledgeable of and committed to a meaningful set of ethical guidelines and principles. Actions are consistent with personal values.

**Keeps Strategic Perspective:** Able to evaluate issues from multiple perspectives and identify the core problem; considers options and trade-offs; makes effective use of resources.



# ABOUT THIS GUIDE

The Hart Leadership Field Guide is a resource for leadership development in the Lyle Engineering school and throughout the broader SMU community. This guide is intended to show you how leadership development occurs throughout the collegiate experience; by merely getting involved you can grow as a leader.

To map opportunities to competencies within the

Hart Leadership Framework, the Hart team engaged in one or more of the following activities:

- Interviewed program directors, faculty and staff members across campus
- Scanned websites and course descriptions
- Talked to students about their campus involvement

There are over 100 opportunities included in the book; however, this is in no way an exhaustive list of the many ways you can grow as a leader in Lyle and at SMU. In addition, the “competency tags” associated with the opportunities do not capture all of the offerings and benefits of the courses, programs, and activities.



# HOW TO USE THIS GUIDE

The Field Guide is a resource to complement the Hart Leadership Assessment and workbook. It is a tool to help you create your personal development action plan. Think of this material as a strategic way to custom fit your overall college experience.

You will get the most benefit from the Field Guide by first taking the Hart Leadership Assessment and analyzing your results in the workbook. These tools will equip you with an awareness of your strengths and weaknesses associated with leadership. Armed with this information, you can create a personal development plan (PDP) to leverage your abilities and fortify areas needing improvement.

The Field Guide helps you scan the Lyle and SMU landscape and identify organizations, events, and activities that are both interesting and suited for your areas of leadership development.

SMU offers an array of outstanding programs and activities, of which many are highlighted in the Field Guide. We encourage you to explore these opportunities according to your interests.

1. Take the Hart Leadership Assessment
2. Analyze your results with a Hart Team Member
3. Identify Your Personal Strengths and Areas of Improvement
4. Reference the Field Guide to craft a PDP
  - Search the Index by Leadership Competency (Self-Aware, Engages Others, Champions Effective Processes, etc.)
  - Reference the programs, activities, etc.
4. Create your PDP. (Reference the Hart Leadership Development Workbook)

This image shows a full page of blank handwriting practice paper. It features 20 evenly spaced, horizontal blue lines running across the entire width of the page. The lines are uniform in thickness and color, providing a guide for letter height and placement. There are no margins, text, or other markings on the paper.



Is Self -Aware	Learns Intentionally	Communicates Effectively	Develops Relationships	Embraces Diversity & Differences	Engages Others	Sets Direction	Champions Effective Processes	Solves Problems	Keeps Strategic Perspective	Upholds Ethics & Integrity	Seeks Innovative Solutions	Program Name	Page
✓	✓	✓	✓	✓	✓			✓			✓	AGILE Alliance of Graduate International Lyle Engineers	1
			✓		✓	✓	✓	✓	✓			Alternative Breaks Leadership Team	1
			✓	✓	✓							Alternative Breaks Participant	2
	✓		✓									American Society of Civil Engineers (ASCE)	2
	✓		✓									American Society of Mechanical Engineers (ASME)	3
	✓									✓		Association of Computing Machinery (ACM)	3
	✓		✓	✓								Civil Rights Pilgrimage - Participant	4
				✓		✓	✓	✓	✓			Civil Rights Pilgrimage - Student Leader	4
✓		✓	✓		✓			✓		✓	✓	Club Sports	5
				✓		✓	✓		✓			CORE - Women's Symposium Advisory Board	5
✓	✓	✓	✓	✓	✓			✓	✓	✓		Curriculum Practical Training (CPT)	6
		✓	✓						✓			Dean's Advisory Board	6
	✓				✓			✓			✓	Engineering & Humanity Week	7
			✓						✓			Engineering Department Student Advisory Board	7
			✓		✓		✓	✓				Engineers Without Borders	8
✓	✓	✓	✓	✓	✓							ESL 3002 Advanced Academic Writing	8
✓	✓	✓	✓	✓	✓							ESL 3001 Advanced Grammar for Writers	9
✓	✓	✓	✓	✓	✓							ESL 1001 Communication Skills	9
✓	✓	✓	✓	✓	✓							ESL 1002 Communication Skills	10
✓	✓	✓	✓	✓	✓							ESL 4001 Pronunciation Skills	10
✓	✓	✓	✓	✓	✓							ESL 6001/6002 Seminar for International Teaching Assistants	11
✓	✓	✓	✓	✓	✓							ESL Volunteers	11
✓	✓	✓	✓		✓			✓	✓		✓	Graduate Student Professional Development Workshops	12
✓	✓	✓	✓		✓		✓	✓	✓	✓	✓	Hunt Institute Student Fellows Program	12
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			✓		✓		✓		✓			Institute for Operations Research and the Management Sciences	14
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✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	Lyle Research Day	16
		✓			✓							Lyle Teaching Assistants	16
	✓		✓	✓	✓							Martin Luther King, Jr. Day of Service	17
✓			✓	✓	✓							Multicultural Student Organizations	17
		✓	✓	✓								National Society of Black Engineers (NSBE)	18
✓	✓	✓	✓	✓	✓	✓					✓	SMU Lyle Toastmasters Club	18
	✓									✓		Society of Hispanic Professional Engineers (SHPE)	19
		✓	✓	✓								Society of Women Engineers (SWE)	19

Is Self -Aware	Learns Intentionally	Communicates Effectively	Develops Relationships	Embraces Diversity & Differences	Engages Others	Sets Direction	Champions Effective Processes	Solves Problems	Keeps Strategic Perspective	Upholds Ethics & Integrity	Seeks Innovative Solutions	Program Name	Page
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✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Student Employment (Campus Services)	20
✓				✓		✓	✓	✓	✓	✓		Student Engineering Joint Council (SEJC)	21
		✓	✓			✓	✓		✓	✓		Student Government	21
	✓	✓				✓	✓		✓		✓	TEDxSMU, TEDxKids@SMU, TEDxSMULive, TEDxSMUWomen	22
	✓	✓	✓	✓	✓						✓	(University) Research Day	22
		✓	✓		✓		✓					Visioneering - Mentor	23
	✓											Volunteer Opportunities	23
			✓		✓							WISE - Women in Science and Engineering	24
✓	✓		✓	✓								Women's Interest Network	24
✓	✓		✓		✓					✓		Worship Services	25
		✓										Writing Center	25

## AGILE Alliance of Graduate International Lyle Engineers

### Leadership Competencies:

	Is Self-Aware	✓	Sets Direction
✓	Learns Intentionally		Champions Effective Processes
✓	Communicates Effectively	✓	Solves Problems
✓	Develops Relationships		Keeps Strategic Perspective
✓	Embraces Diversity & Differences		Upholds Ethics & Integrity
✓	Engages Others	✓	Seeks Innovative Solutions

<b>SMU Area:</b>	Lyle
<b>SMU Office:</b>	Graduate Enrollment Management
<b>Contact:</b>	Kaitlin Long
<b>Email:</b>	kaitlinl@smu.edu
<b>Website:</b>	n/a
<b>1st Yr. Eligible?</b>	Grad students only

The Alliance of Graduate International Lyle Engineers (AGILE) is committed to connect new international graduate students to Lyle and the SMU community by assisting current and future students successfully bridge the cultural and social gaps as they transition into graduate school and life in the United States.

## Alternative Breaks Leadership Team

### Leadership Competencies:

	Is Self-Aware	✓	Sets Direction
	Learns Intentionally	✓	Champions Effective Processes
	Communicates Effectively	✓	Solves Problems
✓	Develops Relationships	✓	Keeps Strategic Perspective
✓	Embraces Diversity & Differences		Upholds Ethics & Integrity
✓	Engages Others		Seeks Innovative Solutions

<b>SMU Area:</b>	Student Affairs
<b>SMU Office:</b>	Community Engagement & Leadership Center
<b>Contact:</b>	Bailey Guthrie
<b>Email:</b>	alternativebreaks@smu.edu
<b>Website:</b>	<a href="http://www.smu.edu/Orgs/AB/Contact">http://www.smu.edu/Orgs/AB/Contact</a>
<b>1st Yr. Eligible?</b>	No

Alternative Breaks is a student organization offering direct service opportunities every academic break, including Fall, Winter, Spring and local day/weekend trips. Alternative Breaks takes groups of students, student leaders, and faculty/staff to communities in need across the country and world to perform life-changing service with amazing non-profit organizations. After a student has experienced a trip as a participant, he or she may apply to be a part of Alternative Breaks Leadership Team in the capacity of Executive Board member or Site Leader. Executive Board members are responsible for guiding the program forward in the terms of outreach, fundraising, recruitment, finances and more. Site Leaders have the opportunity to plan and execute a trip, from start to finish. Site Leaders communicate and coordinate with the non-profit agency, host pre-trip meetings for participants, create an itinerary, lead the group for the entirety of the trip, manage the trip budget and more.

## Alternative Breaks Participant

### Leadership Competencies:

	Is Self-Aware		Sets Direction
✓	Learns Intentionally		Champions Effective Processes
	Communicates Effectively		Solves Problems
✓	Develops Relationships		Keeps Strategic Perspective
✓	Embraces Diversity & Differences		Upholds Ethics & Integrity
✓	Engages Others		Seeks Innovative Solutions

**SMU Area:** Student Affairs

**SMU Office:** Community Engagement & Leadership Center

**Contact:** Bailey Guthrie

**Email:** [alternativebreaks@smu.edu](mailto:alternativebreaks@smu.edu)

**Website:** <http://www.smu.edu/Orgs/AB/Contact>

**1st Yr. Eligible?** Yes

Alternative Breaks is a student organization offering direct service opportunities every academic break, including Fall, Winter, Spring and local day/weekend trips. Alternative Breaks takes groups of students, student leaders, and faculty/staff to communities in need across the country and world to perform life-changing service with amazing non-profit organizations. Participants have the opportunity to engage in active and direct service, gain education about important social issues, and reflect on how they can create positive social change.

## American Society of Civil Engineers (ASCE)

### Leadership Competencies:

	Is Self-Aware		Sets Direction
✓	Learns Intentionally		Champions Effective Processes
	Communicates Effectively		Solves Problems
✓	Develops Relationships		Keeps Strategic Perspective
	Embraces Diversity & Differences		Upholds Ethics & Integrity
	Engages Others		Seeks Innovative Solutions

**SMU Area:** Academic Affairs

**SMU Office:** Hart Center for Engineering Leadership

**Contact:** Usama El Shamy

**Email:** [uelshamy@smu.edu](mailto:uelshamy@smu.edu)

**Website:** <http://www.texasce.org>

**1st Yr. Eligible?** Yes

ASCE provides support for programs that enhance quality of life, promote the Civil Engineering profession, advance technical practices, and prepare civil engineers for tomorrow. ASCE seeks to help build a stronger profession to meet tomorrow's national and global challenges.

## American Society of Mechanical Engineers (ASME)

### Leadership Competencies:

	Is Self-Aware		Sets Direction
✓	Learns Intentionally		Champions Effective Processes
	Communicates Effectively		Solves Problems
✓	Develops Relationships		Keeps Strategic Perspective
	Embraces Diversity & Differences		Upholds Ethics & Integrity
	Engages Others		Seeks Innovative Solutions

**SMU Area:** Academic Affairs

**SMU Office:** Hart Center for Engineering Leadership

**Contact:** Jeong Ho You

**Email:** jyou@lyle.smu.edu

**Website:** <http://lyle.smu.edu/orgs/ASME/>

**1st Yr. Eligible?** Yes

Founded in 1880 as the American Society of Mechanical Engineers, today's ASME is a 120,000-member professional organization focused on technical, educational and research issues of the engineering and technology community. ASME offers numerous opportunities for students to interact with professionals, attend conferences and participate in student design competitions.

## Association of Computing Machinery (ACM)

### Leadership Competencies:

	Is Self-Aware		Sets Direction
✓	Learns Intentionally		Champions Effective Processes
	Communicates Effectively		Solves Problems
	Develops Relationships		Keeps Strategic Perspective
	Embraces Diversity & Differences	✓	Upholds Ethics & Integrity
	Engages Others		Seeks Innovative Solutions

**SMU Area:** Academic Affairs

**SMU Office:** Hart Center for Engineering Leadership

**Contact:** Mark Fontenot

**Email:** mfontenot@lyle.smu.edu

**Website:** <http://www.acm.org/chapters/students>

**1st Yr. Eligible?** Yes

ACM is the largest international scientific and educational computer society in the world. ACM membership today consists of some 80,000 men and women who are largely practitioners, developers, researchers, educators, engineers and managers, all with a significant interest in the creation and application of information technologies

## Civil Rights Pilgrimage - Participant

### Leadership Competencies:

	Is Self-Aware		Sets Direction
✓	Learns Intentionally		Champions Effective Processes
	Communicates Effectively		Solves Problems
✓	Develops Relationships		Keeps Strategic Perspective
✓	Embraces Diversity & Differences		Upholds Ethics & Integrity
	Engages Others		Seeks Innovative Solutions

**SMU Area:** Student Affairs

**SMU Office:** Office of the Chaplain and Religious Life

**Contact:** Betty McHone

**Email:** bmchone@smu.edu

**Website:** <http://smu.edu/chaplain/crp/classinformation.asp>

**1st Yr. Eligible?** No

The pilgrimage consists of students from Political Science 4334 (class participation by approval) and other students, staff and community members. It is guided by Pilgrimage Student Leaders and Political Science Professor Dennis Simon.

## Civil Rights Pilgrimage - Student Leader

### Leadership Competencies:

	Is Self-Aware	✓	Sets Direction
	Learns Intentionally	✓	Champions Effective Processes
	Communicates Effectively	✓	Solves Problems
	Develops Relationships	✓	Keeps Strategic Perspective
✓	Embraces Diversity & Differences		Upholds Ethics & Integrity
	Engages Others		Seeks Innovative Solutions

**SMU Area:** Student Affairs

**SMU Office:** Office of the Chaplain and Religious Life

**Contact:** Betty McHone

**Email:** bmchone@smu.edu

**Website:** <http://smu.edu/chaplain/crp/tripleaders.asp>

**1st Yr. Eligible?** No

CRP Leaders coordinate a trip to monuments and museums that celebrate the hard won political changes in a nation's social and moral structure. Students are responsible for programming and logistic on a five state intensive journey.

## Club Sports

### Leadership Competencies:

✓	Is Self-Aware		Sets Direction
	Learns Intentionally		Champions Effective Processes
✓	Communicates Effectively	✓	Solves Problems
✓	Develops Relationships		Keeps Strategic Perspective
	Embraces Diversity & Differences	✓	Upholds Ethics & Integrity
✓	Engages Others	✓	Seeks Innovative Solutions

**SMU Area:** Student Affairs

**SMU Office:** Department of Recreational Sports

**Contact:** David Chambers

**Email:** dchamber@smu.edu

**Website:** <http://smu.edu/recsports/clubsports/>

**1st Yr. Eligible?** Yes

19 different clubs provide a broad-based program of recreational, competitive and instructional sport opportunities.

## CORE - Women's Symposium Advisory Board

### Leadership Competencies:

	Is Self-Aware	✓	Sets Direction
	Learns Intentionally	✓	Champions Effective Processes
	Communicates Effectively		Solves Problems
	Develops Relationships	✓	Keeps Strategic Perspective
✓	Embraces Diversity & Differences		Upholds Ethics & Integrity
	Engages Others		Seeks Innovative Solutions

**SMU Area:** Student Affairs

**SMU Office:** Women & LGBT Center

**Contact:** Val Erwin

**Email:** verwin@smu.edu

**Website:** <http://www.smu.edu/StudentAffairs/WomensCenter/Organizations>

**1st Yr. Eligible?** Yes

CORE is the name of our student advisory committee coordinating our Women's Symposium. This group is aptly named, as students are at the very core of our Women's Symposium, choosing speakers, preparing workshops, and coordinating marketing campaigns. The Women's Symposium has been serving the SMU community since 1966 and is, thus, one of SMU's oldest and most honored traditions.



## Curriculum Practical Training (CPT)

### Leadership Competencies:

✓	Is Self-Aware		Sets Direction
✓	Learns Intentionally		Champions Effective Processes
✓	Communicates Effectively	✓	Solves Problems
✓	Develops Relationships	✓	Keeps Strategic Perspective
✓	Embraces Diversity & Differences	✓	Upholds Ethics & Integrity
✓	Engages Others		Seeks Innovative Solutions

<b>SMU Area:</b>	Lyle
<b>SMU Office:</b>	Hart Center for Engineering Leadership
<b>Contact:</b>	Linda Parker
<b>Email:</b>	lcparker@smu.edu
<b>Website:</b>	<a href="http://www.smu.edu/Lyle/Centers/HartCenter/OurApproach/Challenge/Co-opsandInternships">http://www.smu.edu/Lyle/Centers/HartCenter/OurApproach/Challenge/Co-opsandInternships</a>
<b>1st Yr. Eligible?</b>	No

Graduate Engineering Students: can work co-ops and internships as part of the CPT class curriculum. First-year graduate students must complete a year of full-time classes (9 credits per fall and spring semesters) before they can begin a co-op work term, but are encouraged to attend career events and begin exploring professional development as soon as their first semester. Students register in and pay tuition for a one credit-hour graduate co-op class, which will appear on the student's transcript.

## Dean's Advisory Board

### Leadership Competencies:

	Is Self-Aware		Sets Direction
	Learns Intentionally		Champions Effective Processes
✓	Communicates Effectively		Solves Problems
✓	Develops Relationships	✓	Keeps Strategic Perspective
	Embraces Diversity & Differences		Upholds Ethics & Integrity
	Engages Others		Seeks Innovative Solutions

<b>SMU Area:</b>	Academic Affairs
<b>SMU Office:</b>	Lyle School of Engineering
<b>Contact:</b>	Misti Compton
<b>Email:</b>	mcompton@lyle.smu.edu
<b>Website:</b>	<a href="https://www.smu.edu/Lyle/Centers/HartCenter/OurApproach/Challenge/StudentClubsandOrganizations">https://www.smu.edu/Lyle/Centers/HartCenter/OurApproach/Challenge/StudentClubsandOrganizations</a>
<b>1st Yr. Eligible?</b>	No

The Dean's Student Advisory Board provides insights and perspectives representative of Lyle Students. The board also assist the dean in cultivating a vibrant and dynamic engineering community.

## Engineering & Humanity Week

### Leadership Competencies:

	Is Self-Aware		Sets Direction
✓	Learns Intentionally		Champions Effective Processes
	Communicates Effectively	✓	Solves Problems
	Develops Relationships		Keeps Strategic Perspective
	Embraces Diversity & Differences		Upholds Ethics & Integrity
✓	Engages Others	✓	Seeks Innovative Solutions

<b>SMU Area:</b>	Academic Affairs
<b>SMU Office:</b>	Hunt Institute for Engineering & Humanity
<b>Contact:</b>	Eva Caskie
<b>Email:</b>	dean@lyle.smu.edu
<b>Website:</b>	
<b>1st Yr. Eligible?</b>	Yes

The Hunt Institute strives to bring together the most talented minds from fields including engineering, science, business, international development and global economics, and combine their efforts with market forces to improve the standard of living for those living in extreme poverty. We focus on access to clean water; creating affordable shelter, including design justice for the marginalized; hygiene education and promotion; access to energy; and meeting basic infrastructure needs.

## Engineering Department Student Advisory Board

### Leadership Competencies:

	Is Self-Aware		Sets Direction
	Learns Intentionally		Champions Effective Processes
	Communicates Effectively		Solves Problems
✓	Develops Relationships	✓	Keeps Strategic Perspective
	Embraces Diversity & Differences		Upholds Ethics & Integrity
	Engages Others		Seeks Innovative Solutions

<b>SMU Area:</b>	Academic Affairs
<b>SMU Office:</b>	Engineering Departments
<b>Contact:</b>	Department Coordinators
<b>Email:</b>	dean@lyle.smu.edu
<b>Website:</b>	
<b>1st Yr. Eligible?</b>	Yes

Student representatives of the five departments within the Lyle School to support the overall mission of Lyle and assist the Chair in achieving departmental goals.

## Engineers Without Borders

### Leadership Competencies:

	Is Self-Aware		Sets Direction
	Learns Intentionally	✓	Champions Effective Processes
	Communicates Effectively	✓	Solves Problems
✓	Develops Relationships		Keeps Strategic Perspective
	Embraces Diversity & Differences		Upholds Ethics & Integrity
✓	Engages Others		Seeks Innovative Solutions

**SMU Area:** Academic Affairs

**SMU Office:** Hart Center for Engineering Leadership

**Contact:** Andrew Quicksall

**Email:** [aquicksall@smu.edu](mailto:aquicksall@smu.edu)

**Website:**

**1st Yr. Eligible?** Yes

Engineers Without Borders is one organization at SMU which works towards improving the lives of many. They aim their efforts at both the local and international level through innovative technologies. In the past, EWB has benefited a village in Guatemala and a local school suffering from drainage problems.

## ESL 3002 Advanced Academic Writing

### Leadership Competencies:

✓	Is Self-Aware		Sets Direction
✓	Learns Intentionally		Champions Effective Processes
✓	Communicates Effectively		Solves Problems
✓	Develops Relationships		Keeps Strategic Perspective
✓	Embraces Diversity & Differences		Upholds Ethics & Integrity
✓	Engages Others		Seeks Innovative Solutions

**SMU Area:** Dedman College

**SMU Office:** English as a Second Language (ESL) Program

**Contact:** John Wheeler, Director

**Email:** [jwheeler@smu.edu](mailto:jwheeler@smu.edu)

**Website:** <http://www.smu.edu/esl>

**1st Yr. Eligible?** Yes

Building on principles of grammar and style covered in ESL 3001, this course helps students further improve the writing skills needed for their particular academic careers, using academic texts as a basis for out-of-class writing assignments and a final research project. The course is free of charge, noncredit bearing, and transcribed as pass or fail. *Prerequisite:* ESL Program approval required.

## ESL 3001 Advanced Grammar for Writers

### Leadership Competencies:

✓	Is Self-Aware		Sets Direction
✓	Learns Intentionally		Champions Effective Processes
✓	Communicates Effectively		Solves Problems
✓	Develops Relationships		Keeps Strategic Perspective
✓	Embraces Diversity & Differences		Upholds Ethics & Integrity
✓	Engages Others		Seeks Innovative Solutions

<b>SMU Area:</b>	Dedman College
<b>SMU Office:</b>	English as a Second Language (ESL) Program
<b>Contact:</b>	John Wheeler, Director
<b>Email:</b>	jwheeler@smu.edu
<b>Website:</b>	<a href="http://www.smu.edu/esl">http://www.smu.edu/esl</a>
<b>1st Yr. Eligible?</b>	Yes

This course helps students develop their grammar and writing skills within the context of academic readings. Problem areas of English grammar and style are explored through periodic assignments, research documentation methods, and a final research project. The course is free of charge, noncredit bearing, and transcribed as pass or fail. Prerequisite: ESL Program approval required.

## ESL 1001 Communication Skills

### Leadership Competencies:

✓	Is Self-Aware		Sets Direction
✓	Learns Intentionally		Champions Effective Processes
✓	Communicates Effectively		Solves Problems
✓	Develops Relationships		Keeps Strategic Perspective
✓	Embraces Diversity & Differences		Upholds Ethics & Integrity
✓	Engages Others		Seeks Innovative Solutions

<b>SMU Area:</b>	Dedman College
<b>SMU Office:</b>	English as a Second Language (ESL) Program
<b>Contact:</b>	John Wheeler, Director
<b>Email:</b>	jwheeler@smu.edu
<b>Website:</b>	<a href="http://www.smu.edu/esl">http://www.smu.edu/esl</a>
<b>1st Yr. Eligible?</b>	Yes

The goal of this course is to improve ESL students' oral and aural interactive skills in speaking, giving presentations, pronunciation, listening, and American idiomatic usage so that they may become more participatory in their classes and integrate more readily with their native English-speaking peers. It is designed to meet the needs of undergraduate and graduate students who may be fully competent in their field of study yet require specialized training to effectively communicate in an American classroom setting. The course is free of charge, noncredit bearing, and transcribed as pass or fail. Prerequisite: ESL Program approval required.

## ESL 1002 Communication Skills

### Leadership Competencies:

✓	Is Self-Aware		Sets Direction
✓	Learns Intentionally		Champions Effective Processes
✓	Communicates Effectively		Solves Problems
✓	Develops Relationships		Keeps Strategic Perspective
✓	Embraces Diversity & Differences		Upholds Ethics & Integrity
✓	Engages Others		Seeks Innovative Solutions

**SMU Area:** Dedman College

**SMU Office:** English as a Second Language (ESL) Program

**Contact:** John Wheeler, Director

**Email:** [jwheeler@smu.edu](mailto:jwheeler@smu.edu)

**Website:** <http://www.smu.edu/esl>

**1st Yr. Eligible?** Yes

Building on skills developed in ESL 1001, students make use of their knowledge and practice to explore various aspects of American studies. In addition to speaking and presentation skills, reading and writing are also exploited as a means for students to gain a deeper understanding of American culture, customs, attitudes, and idiomatic use of the language. The course is noncredit and no-fee, and is transcribed as pass or fail. ESL 1001 is recommended as a precursor but is not a prerequisite. *Prerequisite:* ESL Program approval required.

## ESL 4001 Pronunciation Skills

### Leadership Competencies:

✓	Is Self-Aware		Sets Direction
✓	Learns Intentionally		Champions Effective Processes
✓	Communicates Effectively		Solves Problems
✓	Develops Relationships		Keeps Strategic Perspective
✓	Embraces Diversity & Differences		Upholds Ethics & Integrity
✓	Engages Others		Seeks Innovative Solutions

**SMU Area:** Dedman College

**SMU Office:** English as a Second Language (ESL) Program

**Contact:** John Wheeler, Director

**Email:** [jwheeler@smu.edu](mailto:jwheeler@smu.edu)

**Website:** <http://www.smu.edu/esl>

**1st Yr. Eligible?** Yes

Students improve their pronunciation by focusing on sentence stress, rhythm, intonation, and body language while learning to mimic American speech patterns. With the instructor's assistance and extensive individual feedback, students develop personal strategies and exercises to become more aware of their own weaknesses. The course is free of charge, noncredit bearing, and transcribed as pass or fail. *Prerequisite:* ESL Program approval required.

## ESL 6001, 6002 Seminar for International Teaching Assistants

### Leadership Competencies:

✓	Is Self-Aware		Sets Direction
✓	Learns Intentionally		Champions Effective Processes
✓	Communicates Effectively		Solves Problems
✓	Develops Relationships		Keeps Strategic Perspective
✓	Embraces Diversity & Differences		Upholds Ethics & Integrity
✓	Engages Others		Seeks Innovative Solutions

<b>SMU Area:</b>	Dedman College
<b>SMU Office:</b>	English as a Second Language (ESL) Program
<b>Contact:</b>	John Wheeler, Director
<b>Email:</b>	<a href="mailto:jwheeler@smu.edu">jwheeler@smu.edu</a>
<b>Website:</b>	<a href="http://www.smu.edu/esl">http://www.smu.edu/esl</a>
<b>1st Yr. Eligible?</b>	Yes

Graduate students who speak English as a second language prepare for their teaching responsibilities with undergraduate students taking University Curriculum courses. The main components include language skills needed as international teaching assistants, ITA-related teaching methodology, cross-cultural communication within the American classroom, and presentation skills. Also, examination of case studies, microteaching demonstrations, and periodic out-of-class individual consultations on the student's language and pedagogical skills. The course is free of charge, noncredit bearing, and transcribed as pass or fail. Prerequisite: ESL Program approval required.

## ESL Volunteers

### Leadership Competencies:

✓	Is Self-Aware		Sets Direction
✓	Learns Intentionally		Champions Effective Processes
✓	Communicates Effectively		Solves Problems
✓	Develops Relationships		Keeps Strategic Perspective
✓	Embraces Diversity & Differences		Upholds Ethics & Integrity
✓	Engages Others		Seeks Innovative Solutions

<b>SMU Area:</b>	Dedman College
<b>SMU Office:</b>	English as a Second Language (ESL)
<b>Contact:</b>	Linda Evans, Lecturer of ESL
<b>Email:</b>	<a href="mailto:Linda@smu.edu">Linda@smu.edu</a>
<b>Website:</b>	<a href="http://www.smu.edu/esl">http://www.smu.edu/esl</a>
<b>1st Yr. Eligible?</b>	Yes

"ESL Volunteers" are native speakers of American English who are invited to interact with international students enrolled in English as a Second Language courses emphasizing spoken English (ESL 1001/1002 Communication Skills, ESL 4001 Pronunciation Skills, and ESL 6001/6002 Seminar for International Teaching Assistants). Volunteers may assist with pair and group activities in the classroom and/or may serve as "speaking partners" for individual students outside of class. Undergraduate and graduate students, faculty and staff, and community members are welcome to participate. Time commitment is flexible. Course instructor provides guidance for volunteers.

## Graduate Student Professional Development Workshops

### Leadership Competencies:

✓	Is Self-Aware		Sets Direction
✓	Learns Intentionally		Champions Effective Processes
✓	Communicates Effectively	✓	Solves Problems
✓	Develops Relationships	✓	Keeps Strategic Perspective
	Embraces Diversity & Differences		Upholds Ethics & Integrity
✓	Engages Others	✓	Seeks Innovative Solutions

<b>SMU Area:</b>	Provost
<b>SMU Office:</b>	Office of Research and Grad Studies
<b>Contact:</b>	Reva Pollack
<b>Email:</b>	reva@smu.edu
<b>Website:</b>	<a href="http://www.smu.edu/graduate/CurrentStudents/ProfessionalDevelopment">http://www.smu.edu/graduate/CurrentStudents/ProfessionalDevelopment</a>
<b>1st Yr. Eligible?</b>	Yes

Graduate Studies works with offices across campus to bring professional development workshops open to all graduate students. These focus on a variety of topics and are appropriate for students throughout their graduate careers. Check the website for further details on upcoming programming.

## HUNTALKS: Innovation for Social Impact (Student Research Presentations)

### Leadership Competencies:

✓	Is Self-Aware	✓	Sets Direction
✓	Learns Intentionally	✓	Champions Effective Processes
✓	Communicates Effectively	✓	Solves Problems
✓	Develops Relationships	✓	Keeps Strategic Perspective
	Embraces Diversity & Differences	✓	Upholds Ethics & Integrity
✓	Engages Others	✓	Seeks Innovative Solutions

<b>SMU Area:</b>	Interdisciplinary Research
<b>SMU Office:</b>	Hunt Institute for Engineering & Humanity
<b>Contact:</b>	Tizeta Getachew
<b>Email:</b>	tgetachew@smu.edu
<b>Website:</b>	<a href="http://www.smu.edu/Lyle/Institutes/HuntInstitute/Hunttalks">http://www.smu.edu/Lyle/Institutes/HuntInstitute/Hunttalks</a>
<b>1st Yr. Eligible?</b>	Yes, at end of 2 <sup>nd</sup> semester

Inviting students from all disciplines involved in research related to topics focused on social impact to apply to be part of **HUNTALKS: Innovations for Social Impact series**. Students who apply and are accepted will have an opportunity to present their new ideas with potential for social impact, specifically on the global poor. (Research done as part of a capstone project, or term paper, at any stage of completion is welcomed.) Receive visibility for their research. Be connected to students of all disciplines doing research in similar areas. Have opportunities to connect with practitioners in the DFW area from the Hunt Institute network. Receive free coaching and mentoring from TEDxSMU experts to hone their public speaking skills.



## Hunt Institute Student Fellows Program

### Leadership Competencies:

✓	Is Self-Aware		Sets Direction
✓	Learns Intentionally	✓	Champions Effective Processes
✓	Communicates Effectively	✓	Solves Problems
✓	Develops Relationships	✓	Keeps Strategic Perspective
	Embraces Diversity & Differences	✓	Upholds Ethics & Integrity
✓	Engages Others	✓	Seeks Innovative Solutions

<b>SMU Area:</b>	Interdisciplinary Research
<b>SMU Office:</b>	Hunt Institute for Engineering & Humanity
<b>Contact:</b>	Tizeta Getachew
<b>Email:</b>	tgetachew@smu.edu
<b>Website:</b>	n/a
<b>1st Yr. Eligible?</b>	No

Hunt Institute Student Fellows are an interdisciplinary group of undergraduate & graduate students who directly work on projects, and research initiatives ongoing at the Hunt Institute. Application to be considered to become part of the first cohort of student fellows will be open in Spring 2017.

## Immersion Design Experience - Innovation Gym

### Leadership Competencies:

	Is Self-Aware	✓	Sets Direction
✓	Learns Intentionally	✓	Champions Effective Processes
	Communicates Effectively	✓	Solves Problems
	Develops Relationships		Keeps Strategic Perspective
	Embraces Diversity & Differences		Upholds Ethics & Integrity
	Engages Others	✓	Seeks Innovative Solutions

<b>SMU Area:</b>	Lyle
<b>SMU Office:</b>	Lyle School of Engineering
<b>Contact:</b>	Katie Krummeck
<b>Email:</b>	kkrummeck@smu.edu
<b>Website:</b>	<a href="https://www.smu.edu/Lyle/Institutes/CaruthInstitute/InnovationPrograms">https://www.smu.edu/Lyle/Institutes/CaruthInstitute/InnovationPrograms</a>
<b>1st Yr. Eligible?</b>	Yes

Small student teams design challenges and projects under the guidance of faculty. Students have been able to participate in several projects including the Lockheed Martin Skunk Works Immersion Design Experiments, the Innovation Competition, and several research projects for the military.

## Institute for Electrical and Electronic Engineers (IEEE)

### Leadership Competencies:

✓	Is Self-Aware		Sets Direction
✓	Learns Intentionally		Champions Effective Processes
	Communicates Effectively		Solves Problems
	Develops Relationships		Keeps Strategic Perspective
	Embraces Diversity & Differences		Upholds Ethics & Integrity
	Engages Others		Seeks Innovative Solutions

**SMU Area:** Academic Affairs

**SMU Office:** Lyle School of Engineering

**Contact:** Electrical Engineering Department

**Email:**

**Website:** <http://www.ieee.org/index.html>

**1st Yr. Eligible?** Yes

This organization is the world's largest professional association for the advancement of technology. Student members will have access to valuable resources and opportunities to assist them in advancing their careers in the right direction.

## Institute for Operations Research and the Management Sciences

### Leadership Competencies:

	Is Self-Aware		Sets Direction
	Learns Intentionally	✓	Champions Effective Processes
	Communicates Effectively		Solves Problems
✓	Develops Relationships	✓	Keeps Strategic Perspective
	Embraces Diversity & Differences		Upholds Ethics & Integrity
✓	Engages Others		Seeks Innovative Solutions

**SMU Area:** Lyle

**SMU Office:** Lyle School of Engineering

**Contact:** Eli Olinick

**Email:** [olinick@lyle.smu.edu](mailto:olinick@lyle.smu.edu)

**Website:**

**1st Yr. Eligible?** Yes

INFORMS student chapter is a venue for learning, a catalyst for professional advancement, and an opportunity for camaraderie. Within a chapter, student members from business, engineering, and science programs can join with faculty to organize seminars and discussion groups about new methods and applications of OR/MS. The chapter also enables students to go beyond the bounds of course work and institution as they engage in research activities that lay the groundwork for their future as OR/MS professionals. Of course, occasional social outings enjoyably round out an INFORMS student chapter's calendar.

## Lyle Ambassadors

### Leadership Competencies:

	Is Self-Aware		Sets Direction
✓	Learns Intentionally		Champions Effective Processes
✓	Communicates Effectively		Solves Problems
✓	Develops Relationships		Keeps Strategic Perspective
	Embraces Diversity & Differences		Upholds Ethics & Integrity
	Engages Others		Seeks Innovative Solutions

**SMU Area:** Student Affairs

**SMU Office:** Office of Recruitment & Retention

**Contact:** Olivia Trevino

**Email:** otrevino@smu.edu

**Website:** <https://www.smu.edu/Lyle/Undergraduate/ProspectiveStudents/LyleStudentProfiles>

**1st Yr. Eligible?** Yes

Lyle Ambassadors is the premier student organization of the Lyle School of Engineering. Our primary goals are to recruit high school students to apply and commit to SMU, organize community service projects for current engineers to take part in and represent Lyle in the Dallas community, and sponsor social events to connect current engineers and providing a sense of community to the engineering school. While our primary function is to help recruit the incoming freshman engineering class, we are the face of the Lyle School of Engineering throughout the engineering, SMU, and Dallas communities.

## Lyle Engineering in the City

### Leadership Competencies:

✓	Is Self-Aware	✓	Sets Direction
✓	Learns Intentionally	✓	Champions Effective Processes
✓	Communicates Effectively	✓	Solves Problems
✓	Develops Relationships		Keeps Strategic Perspective
✓	Embraces Diversity & Differences		Upholds Ethics & Integrity
✓	Engages Others	✓	Seeks Innovative Solutions

**SMU Area:** Academic Affairs

**SMU Office:** Hart Center for Engineering Leadership

**Contact:** Rachel Buchanan

**Email:** rbuchanan@lyle.smu.edu

**Website:** <https://www.smu.edu/Lyle/Centers/HartCenter/OurApproach/Challenge/CommunityEngagementProjects>

**1st Yr. Eligible?** Yes

Lyle in the City is a community engagement initiative that enables engineering students to apply their engineering knowledge and skills to real-life problems in the Dallas/Ft. Worth community. Students, in conjunction with a community partner, employ “user-centered” research and design practices to solve problems and meet the needs genuinely valued by the community.

## Lyle Research Day

### Leadership Competencies:

✓	Is Self-Aware	✓	Sets Direction
✓	Learns Intentionally	✓	Champions Effective Processes
✓	Communicates Effectively	✓	Solves Problems
✓	Develops Relationships	✓	Keeps Strategic Perspective
	Embraces Diversity & Differences	✓	Upholds Ethics & Integrity
✓	Engages Others	✓	Seeks Innovative Solutions

<b>SMU Area:</b>	Lyle
<b>SMU Office:</b>	Dean's Office
<b>Contact:</b>	Susan Bailey
<b>Email:</b>	sbailey@lyle.smu.edu
<b>Website:</b>	n/a
<b>1st Yr. Eligible?</b>	Yes

Competing for prizes, graduate and undergraduate students at SMU's Lyle School of Engineering present research projects during Lyle's Research Days (held every fall). The competition has several components - Departmental Awards and Social Media Awards. The newly added Departmental Awards are chosen by the Lyle School of Engineering's Executive Board who, after reviewing all of the submissions, choose the top competitor from each of Lyle's five departments. The Social Media Awards are decided by peers who attend the oral presentations and poster sessions, then cast their vote for their favorite presentation on Twitter and Facebook.

## Lyle Teaching Assistants

### Leadership Competencies:

	Is Self-Aware		Sets Direction
	Learns Intentionally		Champions Effective Processes
✓	Communicates Effectively		Solves Problems
	Develops Relationships		Keeps Strategic Perspective
	Embraces Diversity & Differences		Upholds Ethics & Integrity
✓	Engages Others		Seeks Innovative Solutions

<b>SMU Area:</b>	Lyle
<b>SMU Office:</b>	Lyle School of Engineering
<b>Contact:</b>	Lyle Department Coordinators
<b>Email:</b>	dean@lyle.smu.edu
<b>Website:</b>	
<b>1st Yr. Eligible?</b>	No

Teaching Assistants at Lyle support faculty. Provide technical support to students in lab classes, help grad papers and serve in a general help function.

## Martin Luther King, Jr. Day of Service

### Leadership Competencies:

	Is Self-Aware		Sets Direction
✓	Learns Intentionally		Champions Effective Processes
	Communicates Effectively		Solves Problems
✓	Develops Relationships		Keeps Strategic Perspective
✓	Embraces Diversity & Differences		Upholds Ethics & Integrity
✓	Engages Others		Seeks Innovative Solutions

<b>SMU Area:</b>	Student Affairs
<b>SMU Office:</b>	Multicultural Student Affairs
<b>Contact:</b>	Creston Lynch
<b>Email:</b>	cclynch@smu.edu
<b>Website:</b>	<a href="http://www.smu.edu/StudentAffairs/Multicultural/SignaturePrograms/MLKDreamWeek">http://www.smu.edu/StudentAffairs/Multicultural/SignaturePrograms/MLKDreamWeek</a>
<b>1st Yr. Eligible?</b>	Yes

SMU students, faculty, and staff make the national MLK Holiday a day "on" instead of a day off. Celebrate Dr. King's legacy by turning community issues into citizen action! The MLK Day of Service is part of the University-wide recognition of "Dream Week".

## Multicultural Student Organizations

### Leadership Competencies:

✓	Is Self-Aware		Sets Direction
	Learns Intentionally		Champions Effective Processes
	Communicates Effectively		Solves Problems
✓	Develops Relationships		Keeps Strategic Perspective
✓	Embraces Diversity & Differences		Upholds Ethics & Integrity
✓	Engages Others		Seeks Innovative Solutions

<b>SMU Area:</b>	Student Affairs
<b>SMU Office:</b>	Multicultural Student Affairs
<b>Contact:</b>	Creston Lynch
<b>Email:</b>	cclynch@smu.edu
<b>Website:</b>	<a href="http://www.smu.edu/StudentAffairs/Multicultural/StudentOrganizations">http://www.smu.edu/StudentAffairs/Multicultural/StudentOrganizations</a>
<b>1st Yr. Eligible?</b>	Yes

The Office of Multicultural Student Affairs works collaboratively with the campus community to provide support for students of color. We focus specifically on holistic development, advocacy and comprehensive student success. The office works to create an environment that fosters inclusivity and a deeper understanding of diversity.

## National Society of Black Engineers (NSBE)

### Leadership Competencies:

	Is Self-Aware		Sets Direction
	Learns Intentionally		Champions Effective Processes
✓	Communicates Effectively		Solves Problems
✓	Develops Relationships		Keeps Strategic Perspective
✓	Embraces Diversity & Differences		Upholds Ethics & Integrity
	Engages Others		Seeks Innovative Solutions

**SMU Area:** Academic Affairs

**SMU Office:** Hart Center for Engineering Leadership

**Contact:** Kathy Hubbard

**Email:** khubbard@lyle.smu.edu

**Website:** <http://national.nsbe.org/Programs/Scholarships>

**1st Yr. Eligible?** Yes

NSBE works to increase the number of culturally responsible black engineers who excel academically, succeed professionally and positively impact the community.

## SMU Lyle Toastmaster's Club

### Leadership Competencies:

✓	Is Self-Aware	✓	Sets Direction
✓	Learns Intentionally		Champions Effective Processes
✓	Communicates Effectively		Solves Problems
✓	Develops Relationships		Keeps Strategic Perspective
✓	Embraces Diversity & Differences		Upholds Ethics & Integrity
✓	Engages Others	✓	Seeks Innovative Solutions

**SMU Area:** Lyle

**SMU Office:** Dean's Office

**Contact:** Ting Li

**Email:** tli@smu.edu

**Website:** <http://www.toastmasters.org/Find-a-Club/03414181-smu-lyle-toastmasters-club>

**1st Yr. Eligible?** Yes

Toastmasters International is a world leader in communication and leadership development. Our organization has more than 345,000 memberships. Members improve their speaking and leadership skills by attending one of the 15,900 clubs in 142 countries that make up our global network of meeting locations. By regularly giving speeches, gaining feedback, leading teams and guiding others to achieve their goals in a supportive atmosphere, leaders emerge from the Toastmasters program. Every Toastmaster gives speeches, listens, answers, plans, leads, gives and receives feedback.

## Society of Hispanic Professional Engineers (SHPE)

### Leadership Competencies:

	Is Self-Aware		Sets Direction
✓	Learns Intentionally		Champions Effective Processes
	Communicates Effectively		Solves Problems
	Develops Relationships		Keeps Strategic Perspective
	Embraces Diversity & Differences	✓	Upholds Ethics & Integrity
	Engages Others		Seeks Innovative Solutions

**SMU Area:** Lyle

**SMU Office:** Hart Center for Engineering Leadership

**Contact:** Linda P

**Email:** lcparker@smu.edu

**Website:** [http://people.smu.edu/shpe/about\\_shpe.html](http://people.smu.edu/shpe/about_shpe.html)

**1st Yr. Eligible?** Yes

SHPE is a national organization of Hispanic engineers who seek to develop a sense of community among Hispanic engineers, promote engineering as a profession among Hispanics, and create a network of Hispanic engineering professionals and students.

## Society of Women Engineers (SWE)

### Leadership Competencies:

	Is Self-Aware		Sets Direction
	Learns Intentionally		Champions Effective Processes
✓	Communicates Effectively		Solves Problems
✓	Develops Relationships		Keeps Strategic Perspective
✓	Embraces Diversity & Differences		Upholds Ethics & Integrity
	Engages Others		Seeks Innovative Solutions

**SMU Area:** Lyle

**SMU Office:** Hart Center for Engineering Leadership

**Contact:** Kathy Hubbard

**Email:** khubbard@lyle.smu.edu

**Website:** <http://lyle.smu.edu/orgs/swe/>

**1st Yr. Eligible?** Yes

SWE is non-profit organization that stimulates women to achieve full potential in careers as engineers and leaders, expand the image of the engineering profession as a positive force in improving the quality of life, demonstrate the value of diversity.



## Stampede of Service

### Leadership Competencies:

	Is Self-Aware		Sets Direction
✓	Learns Intentionally		Champions Effective Processes
	Communicates Effectively		Solves Problems
✓	Develops Relationships		Keeps Strategic Perspective
	Embraces Diversity & Differences		Upholds Ethics & Integrity
	Engages Others		Seeks Innovative Solutions

**SMU Area:** Student Affairs

**SMU Office:** Community Engagement & Leadership Center

**Contact:** Rashad Givhan

**Email:** rgivhan@smu.edu

**Website:** <http://www.smu.edu/StudentAffairs/CEL/Community/StampedeofService>

**1st Yr. Eligible?** Yes

For over 40 years, SMU has hosted an annual fall day of service during which the campus community participates in a day of service to DFW. Service project sites are arranged with community partners around the area.

## Student Employment (Campus Services)

### Leadership Competencies:

✓	Is Self-Aware	✓	Sets Direction
✓	Learns Intentionally	✓	Champions Effective Processes
✓	Communicates Effectively	✓	Solves Problems
✓	Develops Relationships	✓	Keeps Strategic Perspective
✓	Embraces Diversity & Differences	✓	Upholds Ethics & Integrity
✓	Engages Others	✓	Seeks Innovative Solutions

**SMU Area:** Division of Enrollment Services

**SMU Office:** Financial Aid

**Contact:** Paloma Ortiz

**Email:** stu\_employ@smu.edu

**Website:** <https://www.smu.edu/EnrollmentServices/FinancialAid/TypesOfAid/StudentEmployment>

**1st Yr. Eligible?** Yes

The Student Employment Office (SEO) partners with the Hegi Family Career Center, and faculty, the community, and University departments to create employment opportunities for students. Over 1,400 students work on campus at SMU throughout the course of each year, in positions all across campus such as: office clerks, library clerks, dining hall and coffee shop help, research assistants for faculty members, website designers, intramurals referees, graders, lifeguards and more. At SMU, we understand that students work for a variety of reasons. Some students are working to pay towards tuition and rent, others are working for experience or spending money. Each student is different, and it is part of our mission to help students balance their academic goals, social activities and part-time employment. SMU utilizes the MustangTRAK ([www.myinterfase.com/smu/student](http://www.myinterfase.com/smu/student)) job board to advertise all kinds of work opportunities. Students can search for on-campus jobs, internships, local part-time jobs, and post-graduation career opportunities!

## Student Engineering Joint Council (SEJC)

### Leadership Competencies:

✓	Is Self-Aware	✓	Sets Direction
	Learns Intentionally	✓	Champions Effective Processes
	Communicates Effectively	✓	Solves Problems
	Develops Relationships	✓	Keeps Strategic Perspective
✓	Embraces Diversity & Differences	✓	Upholds Ethics & Integrity
	Engages Others		Seeks Innovative Solutions

**SMU Area:** Academic Affairs

**SMU Office:** Hart Center for Engineering Leadership

**Contact:** Kathy Hubbard

**Email:** khubbard@lyle.smu.edu

**Website:**

**1st Yr. Eligible?** No

Plans activities involving the entire engineering school such as coordinating the annual awards banquet and homecoming festivities. This organization, comprised of leaders from the over 16 engineering organizations, meets regularly with the Dean and engineering administration to discuss student concerns and needs with the engineering school.

## Student Government

### Leadership Competencies:

	Is Self-Aware	✓	Sets Direction
	Learns Intentionally	✓	Champions Effective Processes
✓	Communicates Effectively		Solves Problems
✓	Develops Relationships	✓	Keeps Strategic Perspective
	Embraces Diversity & Differences	✓	Upholds Ethics & Integrity
	Engages Others		Seeks Innovative Solutions

**SMU Area:** Student Affairs

**SMU Office:** Student Activities

**Contact:** JJ Jones

**Email:** jmjones@smu.edu

**Website:** <http://smu.edu/studentsenate/>

**1st Yr. Eligible?** Yes

The Students' Association of SMU is comprised of all the University's currently enrolled students. Established in 1915, Student Senate represents the Students' Association within the University governance structure.

## TEDxSMU, TEDxKids@SMU, TEDxSMULive, TEDxSMUWomen

### Leadership Competencies:

	Is Self-Aware	✓	Sets Direction
✓	Learns Intentionally	✓	Champions Effective Processes
✓	Communicates Effectively		Solves Problems
	Develops Relationships	✓	Keeps Strategic Perspective
	Embraces Diversity & Differences		Upholds Ethics & Integrity
	Engages Others	✓	Seeks Innovative Solutions

**SMU Area:** Academic Affairs

**SMU Office:** Caruth Institute for Engineering Education

**Contact:** Heather Hankamer

**Email:** [hhankamer@smu.edu](mailto:hhankamer@smu.edu)

**Website:** <http://www.tedxsmu.org>

**1st Yr. Eligible?** Yes

TEDxSMU brings together ideas and interesting people from around the world and around the corner. Although we are licensed by TED, we are independently organized. Students can engage in all conferences in the following ways; join the TEDxSMU Young Fellows planning team, apply to speak and volunteer to help run events. Opportunities to network with speakers and the Dallas community.

## (University) Research Day

### Leadership Competencies:

	Is Self-Aware		Sets Direction
✓	Learns Intentionally		Champions Effective Processes
✓	Communicates Effectively		Solves Problems
✓	Develops Relationships		Keeps Strategic Perspective
✓	Embraces Diversity & Differences		Upholds Ethics & Integrity
✓	Engages Others	✓	Seeks Innovative Solutions

**SMU Area:** Provost

**SMU Office:** Office of Research and Grad Studies

**Contact:** Reva Pollack

**Email:** [reva@smu.edu](mailto:reva@smu.edu)

**Website:** <http://www.smu.edu/graduate/CurrentStudents/ResearchDay>

**1st Yr. Eligible?** Yes

SMU graduate students are invited and encouraged to present results of ongoing and completed SMU-based research. The goal of this event is to foster communication between students in different disciplines, give students the opportunity to present their work in a professional setting, and share the outstanding research being conducted at SMU with their peers and industry professionals from the greater Dallas community.

## Visioneering - Mentor

### Leadership Competencies:

	Is Self-Aware		Sets Direction
	Learns Intentionally	✓	Champions Effective Processes
✓	Communicates Effectively		Solves Problems
✓	Develops Relationships		Keeps Strategic Perspective
	Embraces Diversity & Differences		Upholds Ethics & Integrity
✓	Engages Others		Seeks Innovative Solutions

<b>SMU Area:</b>	Lyle
<b>SMU Office:</b>	Caruth Institute for Engineering Education
<b>Contact:</b>	Christie Pearson
<b>Email:</b>	cmpearson@smu.edu
<b>Website:</b>	<a href="http://www.smu.edu/Lyle/Institutes/CaruthInstitute/K-12Programs/Visioneering">http://www.smu.edu/Lyle/Institutes/CaruthInstitute/K-12Programs/Visioneering</a>
<b>1st Yr. Eligible?</b>	Yes

Held annually, Visioneering is one of the largest events in the nation celebrating National Engineers Week. The event targets middle school students from a wide range of communities in the DFW area and exposes them to the world of possibilities available to them in the field of engineering by exposing them to mentors, hands-on activities, interaction with exhibitors and entertainment, all relate to engineering.

## Volunteer Opportunities

### Leadership Competencies:

	Is Self-Aware		Sets Direction
✓	Learns Intentionally		Champions Effective Processes
	Communicates Effectively		Solves Problems
	Develops Relationships		Keeps Strategic Perspective
	Embraces Diversity & Differences		Upholds Ethics & Integrity
	Engages Others		Seeks Innovative Solutions

<b>SMU Area:</b>	Student Affairs
<b>SMU Office:</b>	Community Engagement & Leadership Center
<b>Contact:</b>	Bailey Guthrie
<b>Email:</b>	cguthrie@smu.edu
<b>Website:</b>	<a href="http://www.smu.edu/Volunteer">http://www.smu.edu/Volunteer</a>
<b>1st Yr. Eligible?</b>	Yes

The Community Engagement and Leadership Center (CEL) provides resources to students, student organizations, faculty, and staff at SMU in order to engage in meaningful community service in the Dallas area. Students seeking volunteer opportunities are invited to use MustangTRAK, an online system for bringing volunteers and non-profit agencies together, in collaboration with the Hegi Family Career Development Center. CEL also offers one-on-one and group Service Consultations to help match you with the right service opportunity. These sessions are designed for individuals and student organizations looking to get involved in the Dallas community on a regular basis, volunteer one time, or to simply learn more about a social issue.

## WISE - Women in Science and Engineering

### Leadership Competencies:

	Is Self-Aware		Sets Direction
	Learns Intentionally		Champions Effective Processes
✓	Communicates Effectively	✓	Solves Problems
✓	Develops Relationships		Keeps Strategic Perspective
	Embraces Diversity & Differences		Upholds Ethics & Integrity
✓	Engages Others	✓	Seeks Innovative Solutions

**SMU Area:** Student Affairs

**SMU Office:** Women & LGBT Center

**Contact:** Val Erwin

**Email:** wise@smu.edu

**Website:** <http://people.smu.edu/wise/Welcome.html>

**1st Yr. Eligible?** Yes

Women in Science and Engineering (WISE) through its middle-school mentoring program provides positive role models and hands-on learning opportunities in the fields of science, mathematics, and engineering. WISE offers its members leadership and helps connect the Women in Science and Engineering students at SMU. Can count for proficiencies in oral communication and community engagement.

## Women's Interest Network

### Leadership Competencies:

✓	Is Self-Aware		Sets Direction
✓	Learns Intentionally		Champions Effective Processes
	Communicates Effectively		Solves Problems
✓	Develops Relationships		Keeps Strategic Perspective
✓	Embraces Diversity & Differences		Upholds Ethics & Integrity
	Engages Others		Seeks Innovative Solutions

**SMU Area:** Student Affairs

**SMU Office:** Women & LGBT Center

**Contact:** Val Erwin

**Email:** verwin@smu.edu

**Website:** <http://people.smu.edu/win/>

**1st Yr. Eligible?** Yes

This organization is open to all SMU women and men. Founded upon a belief in the strength of women, WIN seeks to advance the status of women within the SMU and Dallas communities through its programming and volunteer outreach. WIN also provides resources and information on current social and political women's issues helping women everywhere achieve their fullest potential.

## Worship Services

### Leadership Competencies:

✓	Is Self-Aware		Sets Direction
✓	Learns Intentionally		Champions Effective Processes
	Communicates Effectively		Solves Problems
✓	Develops Relationships		Keeps Strategic Perspective
	Embraces Diversity & Differences	✓	Upholds Ethics & Integrity
✓	Engages Others		Seeks Innovative Solutions

**SMU Area:** Student Affairs

**SMU Office:** Office of the Chaplain and Religious Life

**Contact:** Stephen Rankin

**Email:** rankins@smu.edu

**Website:** <http://smu.edu/chaplain/UniversityWorship/default.asp>

**1st Yr. Eligible?** Yes

University Worship at SMU is held in Perkins Chapel at 11:00 am each Sunday. Communion is served once a month on the first Sunday of the month, followed by a community lunch.

## Writing Center

### Leadership Competencies:

	Is Self-Aware		Sets Direction
	Learns Intentionally		Champions Effective Processes
✓	Communicates Effectively		Solves Problems
	Develops Relationships		Keeps Strategic Perspective
	Embraces Diversity & Differences		Upholds Ethics & Integrity
	Engages Others		Seeks Innovative Solutions

**SMU Area:** Academic Affairs

**SMU Office:** Altshuler Learning Enhancement Center

**Contact:** Lee Gibson

**Email:** lgibson@smu.edu

**Website:** <http://smu.edu/alec/wc.asp>

**1st Yr. Eligible?** Yes

The Writing Center is a resource free to all SMU undergraduates. Whether you need help understanding a writing or reading assignment, getting started in the writing process, revising a draft in progress, or applying your teacher's comments to subsequent assignments, we offer one-on-one tutorials that we hope will send you in the right direction.