



UNT Sustainable Communities Initiative

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UNT Sustainability



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UNT Sustainable Communities Initiative

- We believe universities must take an engaging role in sustainable community development.
- We believe universities are best at bringing community partners together to support sustainable community development.
- We believe holistic and purposeful partnerships can promote enhanced education, economic development, and a stronger communal culture.
- We believe sustainable communities are possible.

UNT Sustainable Communities Initiative

➤ SCI's Mission

- UNT will partner with community leaders to strengthen their capacity to overcome 21st century social, economic, and environmental challenges.
- Bring the intellectual asset and its global network to the community.



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UNT Sustainable Communities Initiative

➤ SCI's Strategies

➤ *EXCEL*

➤ *Helping communities grow their youth.*

➤ Business Collaborations

➤ *Helping promote economic development.*

➤ Community Engagement

➤ *Helping enhance community services and relations.*



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EXCEL

“Helping Communities Grow Their Youth”

- ***Provide students with advanced knowledge and skills*** needed for college and career readiness through a sustainability framework.
- ***Implement capacity building*** measures in school districts to ensure program longevity.
- ***Establish partnerships*** with businesses, community organizations, and schools to build collective support base.



EXCEL

“Helping Communities Grow Their Youth”

➤ Sustainability Foundation

- Sustainability Concepts and Principles in All Activities and Coursework
- Self-Efficacy & Responsibility / Community / Systems Thinking / Innovativeness / Entrepreneurism / Trans-Disciplinarity / Complex-Problem Solving

➤ College and Career Preparedness

- PK – 12 - Vertical & Horizontal Alignment
- Adaptable – Responsive to changing needs of industry/community
- Context Specific
- Develop youth regardless of their post-secondary choice



EXCEL in Design

- Internal Capacity Building
 - Train-the-Trainers
 - Professional Development
- Business & Community Engagement
 - Build collective support base to provide enhanced educational experiences



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EXCEL in Design

- Aligned with TEKS & College and Career Readiness Standards (CCRS)
- Complements and Enhances Texas House Bill 5
 - Five academic endorsement areas
 - College & Career Preparedness
 - Field Trips / Guest Lectures / Work Experiences (Internships) / Job Shadowing / Mentoring / Mock Interviews / Resume Building / Summer Camps/Workshops
 - Academic Mentoring & Remedial Support



Business Collaborations

“Helping Promote Economic Development”

- Conduct Baseline Assessments
 - Employee Behaviors / Customer Relations and Perceptions
 - Solid-Waste Management / Energy & Water Consumption
 - Procurement / Logistics / Transportation
- Develop Sustainability Strategies
 - Cut Waste – Incur Cost-Savings
 - Built Environment Expansion
 - Renewable Energy Portfolios
 - Emissions Reduction



Business Collaborations

“Helping Promote Economic Development”

- Develop Continuing Education Programs
- Grow a Culture of Innovation
- Strengthen Community Relations
- Conduct Specialized Research



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Community Engagement

“Helping Enhance Community Services and Relations.”

- Develop Sustainability Strategies
 - Address Social, Economic, and Environmental Challenges
- Conduct Resource and Efficiency Assessments
 - Areas of Focus:
 - Built Environment / City-Owned Fleet / Landscaping
 - Water & Energy Consumption / Renewable Energy
 - Solid Waste Management & Recycling



Community Engagement

“Helping Enhance Community Services and Relations.”

➤ Resource and Efficiency Assessments

➤ Issues Addressed:

- Consumption Rates / Efficiency / Infrastructure
- Education & Public Awareness Programs
- Policies / Programs / Regulations / Compliance Reporting
- Resource Availability, Type, Location, and Utility
- Resource Requirements



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Community Engagement

“Helping Enhance Community Services and Relations.”

- Develop Community Engagement Activities
 - Built Environment & Human Health
 - Communal Blight
 - Community Design
 - Cultural Heritage
 - Entrepreneurism
 - Natural Resources
 - Urban Gardening





Thank You!

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