



Assessing Teamwork Using Student Self-Reflections:

Efforts to Design and Pilot a Locally
Developed Instrument

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First, a show of hands...

- ▶ How many of you are from:
 - Public Institution?
 - Private Institution?
 - 2-year College?
 - 4-year University?

Institutional Profile

- ▶ 4-year, public university approximately 1-hour north of Houston, Texas
- ▶ Current enrollment over 20,000 undergraduate and graduate students
 - 80+ bachelor's degree programs, more than
 - 50+ master's degree programs, and
 - 6 doctoral programs.
- ▶ Classified by the Carnegie Commission on Higher Education as a “Doctoral Research University” and a “Community Engaged” University

Background

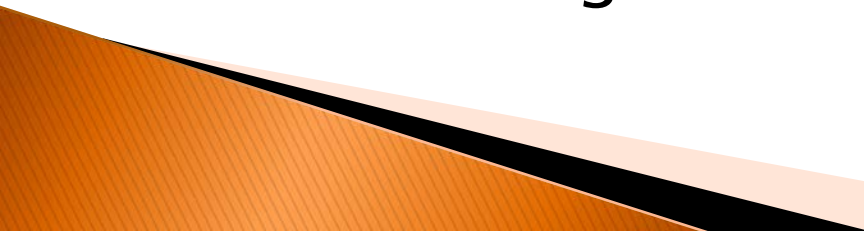
- ▶ Director of Assessment inspired to create the Teamwork Self-Reflection Inventory (TSRI) at the Third Annual LEAP Texas Forum
 - In particular, efforts of UTSA to assess Teamwork using a peer- and self-evaluation rubric.
- ▶ At the same time, was troubled by a February 2016 AAC&U report
 - Report noted that only 7% of AAC&U member institutions who used the VALUE Rubrics reported using the rubric for Teamwork.
 - (Hart Research Associates, 2016)

Lightbulb Moment!

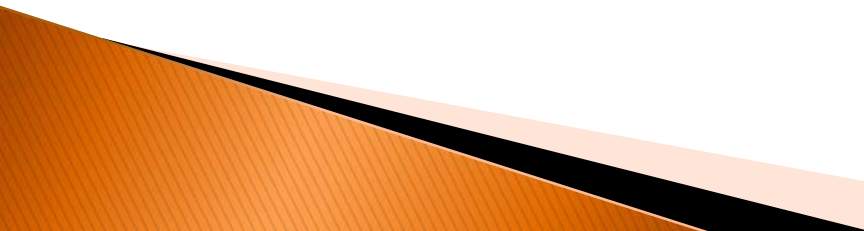


Was inspired to try to convert the AAC&U
Teamwork VALUE Rubric into a self-reflection
instrument

Advantages to Modifying an Existing Instrument

- ▶ Why reinvent the wheel? Easier to rewrite rubric language than to create language from scratch.
 - ▶ Cuts down some time/work on instrument development.
 - ▶ Provides a conceptual base for your instrument, while at the same time customizing it for local use.
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Disadvantages to Modifying an Existing Instrument

- ▶ Without significant revisions, you are locked into someone else's conceptual framework.
 - ▶ Rubric domains/content may not align with your students or institution and may need significant revisions.
 - ▶ Instrument may no longer be reliable or valid.
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AAC&U Teamwork VALUE Rubric

TEAMWORK VALUE RUBRIC

for more information, please contact valuel@aacu.org



Definition

Teamwork is behaviors under the control of individual team members (effort they put into team tasks, their manner of interacting with others on team, and the quantity and quality of contributions they make to team discussions.)

Evaluators are encouraged to assign a zero to any work sample or collection of work that does not meet benchmark (cell one) level performance.

	Capstone 4	Milestones 3 2		Benchmark 1
Contributes to Team Meetings	Helps the team move forward by articulating the merits of alternative ideas or proposals.	Offers alternative solutions or courses of action that build on the ideas of others.	Offers new suggestions to advance the work of the group.	Shares ideas but does not advance the work of the group.
Facilitates the Contributions of Team Members	Engages team members in ways that facilitate their contributions to meetings by both constructively building upon or synthesizing the contributions of others as well as noticing when someone is not participating and inviting them to engage.	Engages team members in ways that facilitate their contributions to meetings by constructively building upon or synthesizing the contributions of others.	Engages team members in ways that facilitate their contributions to meetings by restating the views of other team members and/or asking questions for clarification.	Engages team members by taking turns and listening to others without interrupting.
Individual Contributions Outside of Team Meetings	Completes all assigned tasks by deadline; work accomplished is thorough, comprehensive, and advances the project. Proactively helps other team members complete their assigned tasks to a similar level of excellence.	Completes all assigned tasks by deadline; work accomplished is thorough, comprehensive, and advances the project.	Completes all assigned tasks by deadline; work accomplished advances the project.	Completes all assigned tasks by deadline.
Fosters Constructive Team Climate	Supports a constructive team climate by doing all of the following: <ul style="list-style-type: none"> • Treats team members respectfully by being polite and constructive in communication. • Uses positive vocal or written tone, facial expressions, and/or body language to convey a positive attitude about the team and its work. • Motivates teammates by expressing confidence about the importance of the task and the team's ability to accomplish it. • Provides assistance and/or encouragement to team members. 	Supports a constructive team climate by doing any three of the following: <ul style="list-style-type: none"> • Treats team members respectfully by being polite and constructive in communication. • Uses positive vocal or written tone, facial expressions, and/or body language to convey a positive attitude about the team and its work. • Motivates teammates by expressing confidence about the importance of the task and the team's ability to accomplish it. • Provides assistance and/or encouragement to team members. 	Supports a constructive team climate by doing any two of the following: <ul style="list-style-type: none"> • Treats team members respectfully by being polite and constructive in communication. • Uses positive vocal or written tone, facial expressions, and/or body language to convey a positive attitude about the team and its work. • Motivates teammates by expressing confidence about the importance of the task and the team's ability to accomplish it. • Provides assistance and/or encouragement to team members. 	Supports a constructive team climate by doing any one of the following: <ul style="list-style-type: none"> • Treats team members respectfully by being polite and constructive in communication. • Uses positive vocal or written tone, facial expressions, and/or body language to convey a positive attitude about the team and its work. • Motivates teammates by expressing confidence about the importance of the task and the team's ability to accomplish it. • Provides assistance and/or encouragement to team members.
Responds to Conflict	Addresses destructive conflict directly and constructively, helping to manage/resolve it in a way that strengthens overall team cohesiveness and future effectiveness.	Identifies and acknowledges conflict and stays engaged with it.	Redirecting focus toward common ground, toward task at hand (away from conflict).	Passively accepts alternate viewpoints/ideas/opinions.

Teamwork Self- Reflection Instrument (TSRI)

Name _____

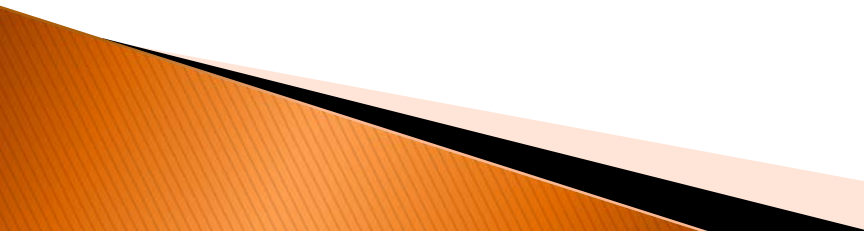
SAM ID _____

TEAMWORK SELF-EVALUATION

Instructions: Reflect back on your past group experiences during your time at Sam Houston State University. Please use the check boxes below to mark all elements that you feel apply to you and your experiences when interacting in a team environment. There are no wrong answers, so please be as honest as you can in your self-reflection.

<p>Contributions to Group Activities</p>	<p><input type="checkbox"/> I only contribute what is required to complete the project or task.</p> <p><input type="checkbox"/> I almost always allow others to come up with ideas for completing the project.</p>	<p><input type="checkbox"/> I may contribute some ideas and work to the group.</p> <p><input type="checkbox"/> I generally allow others to take the lead in completing the group project.</p>	<p><input type="checkbox"/> I actively contribute ideas and work that advance the project.</p> <p><input type="checkbox"/> I make sure that my ideas are considered or used to complete the project.</p>	<p><input type="checkbox"/> I help integrate the work and ideas of all group members to complete the project.</p> <p><input type="checkbox"/> It's less important to me who suggested ideas than whether those ideas help complete the project.</p>
<p>Contributions to Group Discussions</p>	<p><input type="checkbox"/> I only participate in group discussions when required.</p> <p><input type="checkbox"/> I never lead the group discussion.</p> <p><input type="checkbox"/> I don't contribute to group discussions unless I'm asked a direct question.</p> <p><input type="checkbox"/> I don't feel that a lot of discussion is necessary to complete a group project.</p>	<p><input type="checkbox"/> I almost never lead the group discussion.</p> <p><input type="checkbox"/> I sometimes ask questions for clarification during group discussions.</p> <p><input type="checkbox"/> I'm usually quiet in group discussions, but will speak up if I feel it's very important.</p> <p><input type="checkbox"/> I'm willing to let others talk if it will get the project completed faster.</p>	<p><input type="checkbox"/> Sometimes I'll ask questions or restate the views of other team members to clarify their ideas.</p> <p><input type="checkbox"/> I often find myself leading group discussions.</p> <p><input type="checkbox"/> I sometimes dominate the group discussion with my views and opinions.</p> <p><input type="checkbox"/> I'm more interested in getting the work done than ensuring all group members are participating equally.</p>	<p><input type="checkbox"/> I take turns in conversations with group members and listen to others without interrupting.</p> <p><input type="checkbox"/> I constructively build upon or combine the contributions of others.</p> <p><input type="checkbox"/> I notice when someone is not participating and invite them to engage in the conversation.</p> <p><input type="checkbox"/> I feel that it's important for group discussions to involve all group members.</p>
<p>Time and Task Management</p>	<p><input type="checkbox"/> I generally let my group members establish any timelines for completing work.</p> <p><input type="checkbox"/> I complete the work that is assigned to me by the group, but don't really go beyond that.</p> <p><input type="checkbox"/> I sometimes don't complete my work by established deadlines.</p>	<p><input type="checkbox"/> I am involved with establishing timelines for completing work, but generally let others take the lead.</p> <p><input type="checkbox"/> I may volunteer to complete certain tasks, if no one else is willing to do them.</p> <p><input type="checkbox"/> I generally complete all my work by established deadlines.</p>	<p><input type="checkbox"/> I take the lead in determining timelines for completing work by the group, and am willing to assign tasks to other group members.</p> <p><input type="checkbox"/> I will volunteer for tasks that I see as being more difficult.</p> <p><input type="checkbox"/> I complete all of my assigned work on time.</p>	<p><input type="checkbox"/> I work with my group members to determine timelines and to identify the best person to complete each task.</p> <p><input type="checkbox"/> I will volunteer for the tasks that I feel I am best suited to complete.</p> <p><input type="checkbox"/> I complete most or all of my tasks ahead of schedule.</p>
<p>Interactions with Group Members</p>	<p><input type="checkbox"/> I'm sometimes impolite or short with my group members.</p> <p><input type="checkbox"/> I may use negative tones when I write or speak to my group members about our project.</p> <p><input type="checkbox"/> I sometimes display negative facial expressions and body language when I interact with my group members.</p> <p><input type="checkbox"/> I sometimes speak negatively about the project or task my group is trying to complete.</p> <p><input type="checkbox"/> I avoid helping my group members accomplish tasks.</p>	<p><input type="checkbox"/> I try not to be rude or impolite with my fellow group members</p> <p><input type="checkbox"/> I sometimes use both positive and negative tones when I write or speak to my group members about our project.</p> <p><input type="checkbox"/> I use both positive and negative facial expressions and body language when I interact with my group members</p> <p><input type="checkbox"/> I sometimes speak both positively and negatively about the project or task my group is trying to complete.</p> <p><input type="checkbox"/> I provide help to my group members, if asked, but don't go out of my way to do so.</p>	<p><input type="checkbox"/> I'm generally kind and polite with my fellow group members.</p> <p><input type="checkbox"/> I generally use positive tones when I write or speak to my group members about our project.</p> <p><input type="checkbox"/> I generally display positive facial expressions and body language when I interact with my group members.</p> <p><input type="checkbox"/> I generally speak positively about the project or task my group is trying to complete.</p> <p><input type="checkbox"/> I don't mind helping my fellow group members if they need it.</p>	<p><input type="checkbox"/> I'm almost always kind and polite with my fellow group members.</p> <p><input type="checkbox"/> I almost always use positive tones when I write or speak to my group members about our project.</p> <p><input type="checkbox"/> I almost always display positive facial expressions and body language when I interact with my group members.</p> <p><input type="checkbox"/> I almost always speak positively about the project or task my group is trying to complete.</p> <p><input type="checkbox"/> I will go out of my way to assist my fellow group members if they need help.</p>
<p>Responses to Inter-group Conflict or Disagreement</p>	<p><input type="checkbox"/> I feel that conflict in a group is never good and should be avoided if possible.</p> <p><input type="checkbox"/> I generally do not voice my opinion when group conflict occurs.</p> <p><input type="checkbox"/> When conflict occurs I let people work out their own disagreements.</p>	<p><input type="checkbox"/> I feel that there is generally a right-side and a wrong-side in group conflicts.</p> <p><input type="checkbox"/> When conflict occurs I think it's best to focus on common ground and to minimize the conflict.</p> <p><input type="checkbox"/> I allow others to take the lead in resolving conflict.</p>	<p><input type="checkbox"/> When conflict occurs I can recognize and appreciate the value of different perspectives.</p> <p><input type="checkbox"/> I take the lead in combining the ideas of group members to resolve the conflict.</p> <p><input type="checkbox"/> I try to resolve the conflict as quickly and efficiently as possible so it does not distract us from our project.</p>	<p><input type="checkbox"/> I recognize conflict can be both destructive and constructive.</p> <p><input type="checkbox"/> I work with my group members to resolve the conflict in a way that strengthens the group and the project.</p> <p><input type="checkbox"/> I work with my group members to resolve the conflict, even if it takes more time and work.</p>

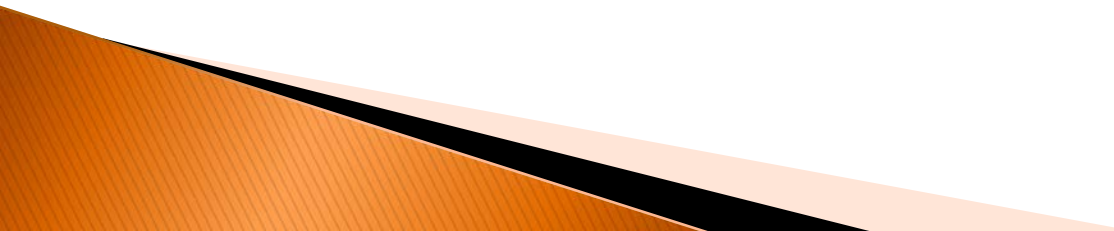
Methodology and Implementation

- ▶ Sampling Schema: “Sample of Convenience”
 - ▶ Email to Associate Deans in charge of Assessment within each of the colleges
 - ▶ Instructors in 3 of our 7 colleges volunteered
 - ▶ All student classifications
 - ▶ Logistics of scheduling classroom administration (main campus, off-site)
- 

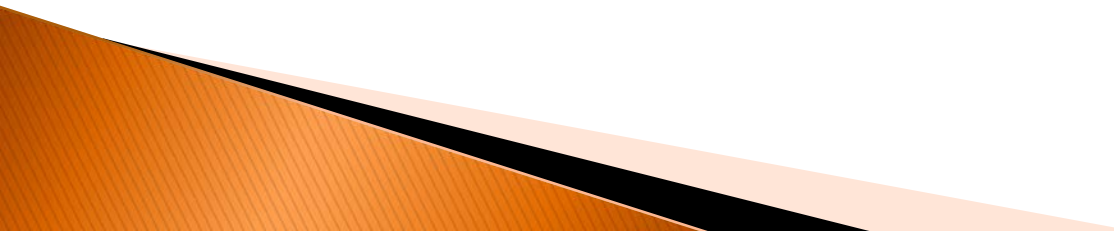
Methodology and Implementation

- ▶ 7 departments within 3 colleges
- ▶ Total of 580 completed TSRI's
- ▶ Administered by:
 - Assessment Coordinator – 13 classes on main campus
 - Professor – 4 classes on main campus
 - Professor – 5 classes off-site
- ▶ Took place September–November 2016
- ▶ Only 10–15 minutes to administer in class

Instrument – Domains

- ▶ Contributions to Group Activities
 - ▶ Contributions to Group Discussions
 - ▶ Time and Task Management
 - ▶ Interactions with Group Members
 - ▶ Responses to Inter–group Conflict or Disagreement
- 

Instrument – Demographics

- ▶ Ethnicity
 - ▶ Race (choose all that apply)
 - ▶ Gender
 - ▶ Classification
 - ▶ Did You Transfer to SHSU?
 - ▶ Number of Years at SHSU?
 - ▶ Number of Teamwork Experiences at SHSU?
- 

Scoring System

- ▶ Qualitative → Quantitative
- ▶ How the scoring system was determined (handout)
- ▶ Scoring possibilities:
 - 0 1 2 3
 - 1 2 3 4
 - -1 1 2 3
 - -1 0 1 2
- ▶ Selected 3rd scoring method above
- ▶ TSRI's hand scored by a student worker

Correct TSRI Example

Name [REDACTED]

SAM ID [REDACTED]

46

Office Planning

TEAMWORK SELF-EVALUATION

Instructions: Reflect back on your past group experiences during your time at Sam Houston State University. Please use the check boxes below to mark all elements that describe your experiences when interacting in a team environment. There are no wrong answers, so please be as honest as you can in your self-reflection.

<p>Contributions to Group Activities</p> <p>3 2 5</p>	<p><input type="checkbox"/> I only contribute what is required to complete the project or task.</p> <p><input type="checkbox"/> I almost always allow others to come up with ideas for completing the project.</p>	<p><input type="checkbox"/> I may contribute some ideas and work to the group.</p> <p><input type="checkbox"/> I generally allow others to take the lead in completing the group project.</p>	<p><input type="checkbox"/> I actively contribute ideas and work that advance the project.</p> <p><input checked="" type="checkbox"/> I make sure that my ideas are considered or used to complete the project.</p>	<p><input checked="" type="checkbox"/> I help integrate group members to complete the project.</p> <p><input type="checkbox"/> It's less important whether the project is completed on time.</p>
<p>Contributions to Group Discussions</p> <p>3 3 3 12</p>	<p><input type="checkbox"/> I only participate in group discussions when required.</p> <p><input type="checkbox"/> I never lead the group discussion.</p> <p><input type="checkbox"/> I don't contribute to group discussions unless I'm asked a direct question.</p> <p><input type="checkbox"/> I don't feel that a lot of discussion is necessary to complete a group project.</p>	<p><input type="checkbox"/> I almost never lead the group discussion.</p> <p><input type="checkbox"/> I sometimes ask questions for clarification during group discussions.</p> <p><input type="checkbox"/> I'm usually quiet in group discussions, but will speak up if I feel it's very important.</p> <p><input type="checkbox"/> I'm willing to let others talk if it will get the project completed faster.</p>	<p><input type="checkbox"/> Sometimes I'll ask questions or restate the views of other team members to clarify their ideas.</p> <p><input type="checkbox"/> I often find myself leading group discussions.</p> <p><input type="checkbox"/> I sometimes dominate the group discussion with my views and opinions.</p> <p><input type="checkbox"/> I'm more interested in getting the work done than ensuring all group members are participating equally.</p>	<p><input checked="" type="checkbox"/> I take turns speaking and listen to others.</p> <p><input checked="" type="checkbox"/> I constructively contribute to group discussions.</p> <p><input checked="" type="checkbox"/> I notice when group members don't contribute and invite them to participate.</p> <p><input checked="" type="checkbox"/> I feel that it's important for all group members to contribute.</p>
<p>Time and Task Management</p> <p>3 2 6</p>	<p><input type="checkbox"/> I generally let my group members establish any timelines for completing work.</p> <p><input type="checkbox"/> I complete the work that is assigned to me by the group, but don't really go beyond that.</p> <p><input type="checkbox"/> I sometimes don't complete my work by established deadlines.</p>	<p><input type="checkbox"/> I am involved with establishing timelines for completing work, but generally let others take the lead.</p> <p><input checked="" type="checkbox"/> I may volunteer to complete certain tasks, if no one else is willing to do them.</p> <p><input type="checkbox"/> I generally complete all my work by established deadlines.</p>	<p><input type="checkbox"/> I take the lead in determining timelines for completing work by the group, and am willing to assign tasks to other group members.</p> <p><input type="checkbox"/> I will volunteer for tasks that I see as being more difficult.</p> <p><input checked="" type="checkbox"/> I complete all of my assigned work on time.</p>	<p><input checked="" type="checkbox"/> I work with group members to complete tasks on time.</p> <p><input type="checkbox"/> I will volunteer for tasks that I see as being more difficult.</p> <p><input type="checkbox"/> I complete my work by established deadlines.</p>
<p>Interactions with Group Members</p> <p>3 3 3 14</p>	<p><input type="checkbox"/> I'm sometimes impolite or short with my group members.</p> <p><input type="checkbox"/> I may use negative tones when I write or speak to my group members about our project.</p> <p><input type="checkbox"/> I sometimes display negative facial expressions and body language when I interact with my group members.</p> <p><input type="checkbox"/> I sometimes speak negatively about the project or task my group is trying to complete.</p> <p><input type="checkbox"/> I avoid helping my group members accomplish tasks.</p>	<p><input type="checkbox"/> I try not to be rude or impolite with my fellow group members.</p> <p><input type="checkbox"/> I sometimes use both positive and negative tones when I write or speak to my group members about our project.</p> <p><input type="checkbox"/> I use both positive and negative facial expressions and body language when I interact with my group members.</p> <p><input type="checkbox"/> I sometimes speak both positively and negatively about the project or task my group is trying to complete.</p> <p><input type="checkbox"/> I provide help to my group members, if asked, but don't go out of my way to do so.</p>	<p><input type="checkbox"/> I'm generally kind and polite with my fellow group members.</p> <p><input type="checkbox"/> I generally use positive tones when I write or speak to my group members about our project.</p> <p><input type="checkbox"/> I generally display positive facial expressions and body language when I interact with my group members.</p> <p><input type="checkbox"/> I generally speak positively about the project or task my group is trying to complete.</p> <p><input checked="" type="checkbox"/> I don't mind helping my fellow group members if they need it.</p>	<p><input checked="" type="checkbox"/> I'm almost always respectful to my group members.</p> <p><input checked="" type="checkbox"/> I almost always speak to my group members in a positive tone.</p> <p><input checked="" type="checkbox"/> I almost always use positive facial expressions and body language when I interact with my group members.</p> <p><input checked="" type="checkbox"/> I almost always speak positively about the project or task my group is trying to complete.</p> <p><input type="checkbox"/> I will go out of my way to help my group members if they need it.</p>
<p>Responses to Inter-group Conflict or Disagreement</p> <p>3 3 3 9</p>	<p><input type="checkbox"/> I feel that conflict in a group is never good and should be avoided if possible.</p> <p><input type="checkbox"/> I generally do not voice my opinion when group conflict occurs.</p> <p><input type="checkbox"/> When conflict occurs I let people work out their own disagreements.</p>	<p><input type="checkbox"/> I feel that there is generally a right-side and a wrong-side in group conflicts.</p> <p><input type="checkbox"/> When conflict occurs I think it's best to focus on common ground and to minimize the conflict.</p> <p><input type="checkbox"/> I allow others to take the lead in resolving conflict.</p>	<p><input type="checkbox"/> When conflict occurs I can recognize and appreciate the value of different perspectives.</p> <p><input type="checkbox"/> I take the lead in combining the ideas of group members to resolve the conflict.</p> <p><input type="checkbox"/> I try to resolve the conflict as quickly and efficiently as possible so it does not distract us from our project.</p>	<p><input checked="" type="checkbox"/> I recognize and appreciate the value of different perspectives.</p> <p><input checked="" type="checkbox"/> I work with group members to resolve the conflict.</p> <p><input checked="" type="checkbox"/> I work with group members to resolve the conflict as quickly and efficiently as possible so it does not distract us from our project.</p>

Incorrect TSRI Example

Name [REDACTED]

SAM ID [REDACTED]

(10)

Office Planning

TEAMWORK SELF-EVALUATION

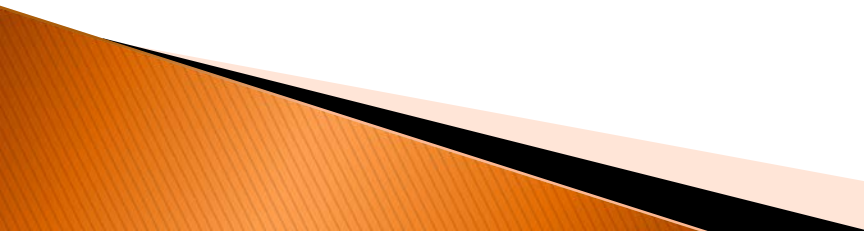
Instructions: Reflect back on your past group experiences during your time at Sam Houston State University. Please use the check boxes below to mark all elements that describe your experiences when interacting in a team environment. There are no wrong answers, so please be as honest as you can in your self-reflection.

<p>Contributions to Group Activities</p> <p>2</p>	<p><input type="checkbox"/> I only contribute what is required to complete the project or task.</p> <p><input type="checkbox"/> I almost always allow others to come up with ideas for completing the project.</p>	<p><input type="checkbox"/> I may contribute some ideas and work to the group.</p> <p><input type="checkbox"/> I generally allow others to take the lead in completing the group project.</p>	<p><input checked="" type="checkbox"/> I actively contribute ideas and work that advance the project.</p> <p><input type="checkbox"/> I make sure that my ideas are considered or used to complete the project.</p>	<p><input type="checkbox"/> I help integrate members to complete the project.</p> <p><input type="checkbox"/> It's less important to me whether those members contribute or not.</p>
<p>Contributions to Group Discussions</p> <p>3</p>	<p><input type="checkbox"/> I only participate in group discussions when required.</p> <p><input type="checkbox"/> I never lead the group discussion.</p> <p><input type="checkbox"/> I don't contribute to group discussions unless I'm asked a direct question.</p> <p><input type="checkbox"/> I don't feel that a lot of discussion is necessary to complete a group project.</p>	<p><input type="checkbox"/> I almost never lead the group discussion.</p> <p><input type="checkbox"/> I sometimes ask questions for clarification during group discussions.</p> <p><input type="checkbox"/> I'm usually quiet in group discussions, but will speak up if I feel it's very important.</p> <p><input type="checkbox"/> I'm willing to let others talk if it will get the project completed faster.</p>	<p><input type="checkbox"/> Sometimes I'll ask questions or restate the views of other team members to clarify their ideas.</p> <p><input type="checkbox"/> I often find myself leading group discussions.</p> <p><input type="checkbox"/> I sometimes dominate the group discussion with my views and opinions.</p> <p><input type="checkbox"/> I'm more interested in getting the work done than ensuring all group members are participating equally.</p>	<p><input checked="" type="checkbox"/> I take turns in group discussions and listen to other team members.</p> <p><input type="checkbox"/> I contribute to group discussions.</p> <p><input type="checkbox"/> I notice when other team members don't contribute and invite them to participate.</p> <p><input type="checkbox"/> I feel that it's important for all group members to contribute.</p>
<p>Time and Task Management</p> <p>1</p>	<p><input type="checkbox"/> I generally let my group members establish any timelines for completing work.</p> <p><input type="checkbox"/> I complete the work that is assigned to me by the group, but don't really go beyond that.</p> <p><input type="checkbox"/> I sometimes don't complete my work by established deadlines.</p>	<p><input type="checkbox"/> I am involved with establishing timelines for completing work, but generally let others take the lead.</p> <p><input type="checkbox"/> I may volunteer to complete certain tasks, if no one else is willing to do them.</p> <p><input checked="" type="checkbox"/> I generally complete all my work by established deadlines.</p>	<p><input type="checkbox"/> I take the lead in determining timelines for completing work by the group, and am willing to assign tasks to other group members.</p> <p><input type="checkbox"/> I will volunteer for tasks that I see as being more difficult.</p> <p><input type="checkbox"/> I complete all of my assigned work on time.</p>	<p><input type="checkbox"/> I work with my group members to establish timelines and complete each task.</p> <p><input type="checkbox"/> I will volunteer to complete tasks that I see as being more difficult.</p> <p><input type="checkbox"/> I complete my work by established deadlines.</p>
<p>Interactions with Group Members</p> <p>2</p>	<p><input type="checkbox"/> I'm sometimes impolite or short with my group members.</p> <p><input type="checkbox"/> I may use negative tones when I write or speak to my group members about our project.</p> <p><input type="checkbox"/> I sometimes display negative facial expressions and body language when I interact with my group members.</p> <p><input type="checkbox"/> I sometimes speak negatively about the project or task my group is trying to complete.</p> <p><input type="checkbox"/> I avoid helping my group members accomplish tasks.</p>	<p><input type="checkbox"/> I try not to be rude or impolite with my fellow group members.</p> <p><input type="checkbox"/> I sometimes use both positive and negative tones when I write or speak to my group members about our project.</p> <p><input type="checkbox"/> I use both positive and negative facial expressions and body language when I interact with my group members.</p> <p><input type="checkbox"/> I sometimes speak both positively and negatively about the project or task my group is trying to complete.</p> <p><input type="checkbox"/> I provide help to my group members, if asked, but don't go out of my way to do so.</p>	<p><input checked="" type="checkbox"/> I'm generally kind and polite with my fellow group members.</p> <p><input type="checkbox"/> I generally use positive tones when I write or speak to my group members about our project.</p> <p><input type="checkbox"/> I generally display positive facial expressions and body language when I interact with my group members.</p> <p><input type="checkbox"/> I generally speak positively about the project or task my group is trying to complete.</p> <p><input type="checkbox"/> I don't mind helping my fellow group members if they need it.</p>	<p><input type="checkbox"/> I'm almost always kind and polite to my fellow group members.</p> <p><input type="checkbox"/> I almost always use positive tones when I write or speak to my group members about our project.</p> <p><input type="checkbox"/> I almost always display positive facial expressions and body language when I interact with my group members.</p> <p><input type="checkbox"/> I almost always speak positively about the project or task my group is trying to complete.</p> <p><input type="checkbox"/> I will go out of my way to help my fellow group members if they need it.</p>
<p>Responses to Inter-group Conflict or Disagreement</p> <p>2</p>	<p><input type="checkbox"/> I feel that conflict in a group is never good and should be avoided if possible.</p> <p><input type="checkbox"/> I generally do not voice my opinion when group conflict occurs.</p> <p><input type="checkbox"/> When conflict occurs I let people work out their own disagreements.</p>	<p><input type="checkbox"/> I feel that there is generally a right-side and a wrong-side in group conflicts.</p> <p><input type="checkbox"/> When conflict occurs I think it's best to focus on common ground and to minimize the conflict.</p> <p><input type="checkbox"/> I allow others to take the lead in resolving conflict.</p>	<p><input checked="" type="checkbox"/> When conflict occurs I can recognize and appreciate the value of different perspectives.</p> <p><input type="checkbox"/> I take the lead in combining the ideas of group members to resolve the conflict.</p> <p><input type="checkbox"/> I try to resolve the conflict as quickly and efficiently as possible so it does not distract us from our project.</p>	<p><input type="checkbox"/> I recognize conflict as a natural part of group work and try to resolve it constructively.</p> <p><input type="checkbox"/> I work with my group members to resolve conflict in a way that is fair to everyone.</p> <p><input type="checkbox"/> I work with my group members to resolve conflict, even if it means I have to give up my own ideas.</p>

Observations

- ▶ Student perception of how to complete TSRI
 - Delivery of instructions – OAPA staff vs. instructor
 - Refined explanation of instructions throughout the semester to emphasize how to do it “right”
- ▶ Numbers
 - Total completed = 580
 - Total usable = 485 (84%)

Adjustments to be Made

- ▶ Instrument Weaknesses
 - Reformat the TSRI to make it more user-friendly
 - ▶ Script/Instructions
 - Clarify how the instrument should be filled out
 - ▶ Result of changes should be a greater percentage of valid, usable TSRI's
- 

Proof of Concept

- ▶ All scores, demographics, and student ID's were entered into Excel for analysis
- ▶ Data collected through the Pilot administration are probably not that meaningful.
 - Sampling was not systematic
 - Administration technique changed over time
- ▶ However, administration proved that the instrument could work, could be scored, and could produce usable data.

Potentials for Data Analysis

- ▶ Instrument may be used to provide snapshot views of student Teamwork abilities within specific colleges/departments.
- ▶ OAPA can also use the collected Student ID's to gather additional demographic and student performance variables from the Institutional Research Office.
 - e.g., gender, ethnicity, major, GPA, SAT/ACT scores
- ▶ These variables can be used to conduct robust secondary data analysis.
 - Disaggregating student performance by demographic variables
 - Correlating student performance with additional performance metrics

What's Next?

- ▶ Spring 2017
 - Review data
 - Refine instrument and script
 - Tweak questions and methodology
- ▶ Summer 2017
 - Possible 2nd Pilot in some courses

What's Next?

- ▶ Fall 2017
 - Implement strategically
 - Systematic coverage (college rotation)
 - Test validity
- ▶ Future – Online Version?

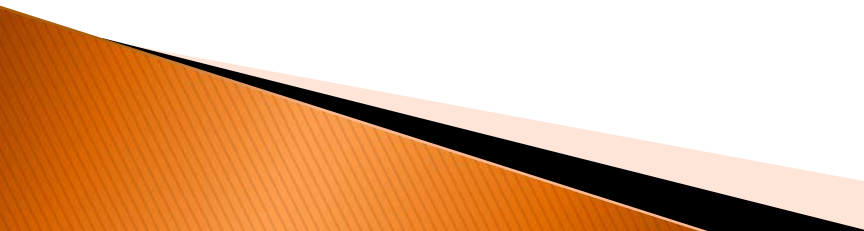
Hypotheses

Our expectations with a valid instrument:

Juniors and Seniors should generally have a higher total score than Freshmen and Sophomores

HOWEVER

Students with more teamwork experiences, regardless of class standing, should have a higher score than those with fewer experiences.



Questions?

Contact Us

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Citations

Hart Research Associates. (2016). *Trends in learning outcomes assessment: Key findings from a survey among administrators at AAC&U member institutions*. Retrieved from https://www.aacu.org/sites/default/files/files/LEAP/2015_Survey_Report3.pdf