



This is “Group Communication, Teamwork, and Leadership”, chapter 19 from the book [Communication for Business Success \(Canadian Edition\) \(index.html\)](#) (v. 1.0).

This book is licensed under a [Creative Commons by-nc-sa 3.0](http://creativecommons.org/licenses/by-nc-sa/3.0/) (<http://creativecommons.org/licenses/by-nc-sa/3.0/>) license. See the license for more details, but that basically means you can share this book as long as you credit the author (but see below), don't make money from it, and do make it available to everyone else under the same terms.

This content was accessible as of December 29, 2012, and it was downloaded then by [Andy Schmitz](#) (<http://lardbucket.org>) in an effort to preserve the availability of this book.

Normally, the author and publisher would be credited here. However, the publisher has asked for the customary Creative Commons attribution to the original publisher, authors, title, and book URI to be removed. Additionally, per the publisher's request, their name has been removed in some passages. More information is available on this project's [attribution page](http://2012books.lardbucket.org/attribution.html?utm_source=header) ([http://2012books.lardbucket.org/attribution.html?utm\\_source=header](http://2012books.lardbucket.org/attribution.html?utm_source=header)).

For more information on the source of this book, or why it is available for free, please see [the project's home page](#) (<http://2012books.lardbucket.org/>). You can browse or download additional books there.

## Chapter 19

# Group Communication, Teamwork, and Leadership

Teamwork is the ability to work together toward a common vision. The ability to direct individual accomplishments toward organizational objectives. It is the fuel that allows common people to attain uncommon results.

- Andrew Carnegie

Never doubt that a small group of thoughtful, committed people can change the world. Indeed, it is the only thing that ever has.

- Margaret Mead

## Getting Started

### INTRODUCTORY EXERCISES

1. List the family and social groups you belong to and interact with on a regular basis—for example, within a twenty-four-hour period or within a typical week. Please also consider forums, online communities, and Web sites where you follow threads of discussion or post regularly. Discuss your results with your classmates.
2. List the professional (i.e., work-related) groups you interact with in order of frequency. Please also consider informal as well as formal groups (e.g., the 10:30 coffee club and the colleagues you often share your commute with). Compare your results with those of your classmates.
3. Identify one group to which you no longer belong. List at least one reason why you no longer belong to this group. Compare your results with those of your classmates.

As humans, we are social beings. We naturally form relationships with others. In fact, relationships are often noted as one of the most important aspects of a person's life, and they exist in many forms. Interpersonal communication occurs

between two people, but group communication may involve two or more individuals. Groups are a primary context for interaction within the business community. Groups may have heroes, enemies, and sages alongside new members. Groups overlap and may share common goals, but they may also engage in conflict. Groups can be supportive or coercive and can exert powerful influences over individuals.

Within a group, individuals may behave in distinct ways, use unique or specialized terms, or display symbols that have meaning to that group. Those same terms or symbols may be confusing, meaningless, or even unacceptable to another group. An individual may belong to both groups, adapting his or her communication patterns to meet group normative expectations. Groups are increasingly important across social media venues, and there are many examples of successful business ventures on the Web that value and promote group interaction.

Groups use words to exchange meaning, establish territory, and identify who is a stranger versus who is a trusted member. Are you familiar with the term “troll”? It is often used to identify someone who is not a member of an online group or community; does not share the values and beliefs of the group; and posts a message in an online discussion board to initiate flame wars, cause disruption, or otherwise challenge the group members. Members often use words to respond to the challenge that are not otherwise common in the discussions, and the less than flattering descriptions of the troll are a rallying point.

Groups have existed throughout human history and continue to follow familiar patterns across emerging venues as we adapt to technology, computer-mediated interaction, suburban sprawl, and modern life. We need groups, and groups need us. Our relationship with groups warrants attention on this interdependence as we come to know our communities, our world, and ourselves.

## 19.1 What Is a Group?

### LEARNING OBJECTIVES

1. Define groups and teams.
2. Discuss how primary and secondary groups meet our interpersonal needs.
3. Discuss how groups tend to limit their own size and create group norms.

Let's get into a time machine and travel way, way back to join early humans in prehistoric times. Their needs are like ours today: they cannot exist or thrive without air, food, and water—and a sense of belonging. How did they meet these needs? Through cooperation and competition. If food scarcity was an issue, who got more and who got less? This serves as our first introduction to roles, status and power, and hierarchy within a group. When food scarcity becomes an issue, who gets to keep their spoon? In some Latin American cultures, having a job or earning a living is referred to by the slang term *cuchara*, which literally means “spoon” and figuratively implies food, safety, and security.

Now let's return to the present and enter a modern office. Cubicles define territories and corner offices denote status. In times of economic recession or slumping sales for the company, there is a greater need for cooperation, and there is competition for scarce resources. The loss of a “spoon”—or of one's cubicle—may now come in the form of a pink slip, but it is no less devastating.

We form self-identities through our communication with others, and much of that interaction occurs in a group context. A group may be defined as three or more individuals who affiliate, interact, or cooperate in a familial, social, or work context. **Group communication**<sup>1</sup> may be defined as the exchange of information with those who are alike culturally, linguistically, and/or geographically. Group members may be known by their symbols, such as patches and insignia on a military uniform. They may be known by their use of specialized language or jargon; for example, someone in information technology may use the term “server” in reference to the Internet, whereas someone in the food service industry may use “server” to refer to the worker who takes customer orders in a restaurant. Group members may also be known by their proximity, as in gated communities. Regardless of how the group defines itself, and regardless of the extent to which its borders are porous or permeable, a group recognizes itself as a group. Humans naturally make groups a part of their context or environment.

1. The exchange of information with those who are culturally, linguistically, and/or geographically alike.

## Types of Groups in the Workplace

As a skilled business communicator, learning more about groups, group dynamics, management, and leadership will serve you well. Mergers, forced sales, downsizing, and entering new markets all call upon individuals within a business or organization to become members of groups. In the second of the [Note 19.1 "Introductory Exercises"](#) for this chapter, you were asked to list the professional (i.e., work-related) groups you interact with in order of frequency. What did your list include? Perhaps you noted your immediate coworkers, your supervisor and other leaders in your work situation, members of other departments with whom you communicate, and the colleagues who are also your personal friends during off-work times. Groups may be defined by function. They can also be defined, from a developmental viewpoint, by the relationships within them. Groups can also be discussed in terms of their relationship to the individual and the degree to which they meet interpersonal needs.

Some groups may be assembled at work to solve problems, and once the challenge has been resolved, they dissolve into previous or yet to be determined groups. Functional groups like this may be immediately familiar to you. You take a class in sociology from a professor of sociology, who is a member of the discipline of sociology. To be a member of a discipline is to be a disciple, and to adhere to a common framework for viewing the world. Disciplines involve a common set of theories that explain the world around us, terms to explain those theories, and have grown to reflect the advance of human knowledge. Compared to your sociology instructor, your physics instructor may see the world from a completely different perspective. Still, both may be members of divisions or schools, dedicated to teaching or research, and come together under the large group heading we know as the university.

In business, we may have marketing experts who are members of the marketing department, who perceive their tasks differently from a member of the sales staff or someone in accounting. You may work in the mailroom, and the mailroom staff is a group in itself, both distinct from and interconnected with the larger organization.

Relationships are part of any group, and can be described in terms of status, power, control, as well as role, function, or viewpoint. Within a family, for example, the ties that bind you together may be common experiences, collaborative efforts, and even pain and suffering. The birth process may forge a relationship between mother and daughter, but it also may not. An adoption may transform a family. Relationships are formed through communication interaction across time, and often share a common history, values, and beliefs about the world around us.

Figure 19.1



*Groups and teams are an important part of business communication.*

In business, an idea may bring professionals together and they may even refer to the new product or service as their “baby,” speaking in reverent tones about a project they have taken from the drawing board and “birthed” into the real world. As in family communication, work groups or teams may have challenges, rivalries, and even “birthing pains” as a product is developed, adjusted, adapted, and transformed. Struggles are a part of relationships, both in families and business, and form a common history of shared challenges overcome through effort and hard work.

© 2010 Jupiterimages Corporation

Through conversations and a shared sense that you and your coworkers belong together, you meet many of your basic human needs, such as the need to feel included, the need for affection, and the need for control. Schutz, W. (1966). *The interpersonal underworld*. Palo Alto, CA: Science and Behavior Books. In a work context, “affection” may sound odd, but we all experience affection at work in the form of friendly comments like “good morning,” “have a nice weekend,” and “good job!” Our professional lives also fulfil more than just our basic needs (i.e., air, food, and water, as well as safety). While your work group may be gathered together with common goals, such as to deliver the mail in a timely fashion to the corresponding departments and individuals, your daily interactions may well go beyond this functional perspective.

In the same way, your family may provide a place for you at the table and meet your basic needs, but they also may not meet other needs. If you grow to understand yourself and your place in a way that challenges group norms, you will be able to choose which parts of your life to share and to withhold in different groups, and to choose where to seek acceptance, affection, and control.

## Primary and Secondary Groups

There are fundamentally two types of groups that can be observed in many contexts, from church to school, family to work. These two types are primary and secondary groups. The hierarchy denotes the degree to which the group(s) meet your interpersonal needs. **Primary groups**<sup>2</sup> meet most, if not all, of one's needs. Groups that meet some, but not all, needs are called **secondary groups**<sup>3</sup>. Secondary groups often include work groups, where the goal is to complete a task or solve a problem. If you are a member of the sales department, your purpose is to sell.

In terms of problem solving, work groups can accomplish more than individuals can. People, each of whom have specialized skills, talents, experience or education, come together in new combinations with new challenges, finding new perspectives to create unique approaches that they themselves would not have formulated alone.

Secondary groups may meet your need for professional acceptance and celebrate your success, but they may not meet your need for understanding and sharing on a personal level. Family members may understand you in ways that your coworkers cannot, and vice versa.

## If Two's Company and Three's a Crowd, What Is a Group?

This old cliché refers to the human tendency to form pairs. Pairing is the most basic form of relationship formation; it applies to childhood best friends, college roommates, romantic couples, business partners, and many other dyads (two-person relationships). A **group**<sup>4</sup>, by definition, includes at least three people. We can categorize groups in terms of their size and complexity.

When we discuss demographic groups as part of a market study, we may focus on large numbers of individuals that share common characteristics. If you are the producer of an ecologically innovative car such as the Smart ForTwo, and know your customers have an average of four members in their family, you may discuss developing a new model with additional seats. While the target audience is a group, car customers don't relate to each other as a unified whole. Even if they form car clubs and have regional gatherings, a newsletter, and competitions at their local race tracks each year, they still subdivide the overall community of car owners into smaller groups.

The larger the group grows, the more likely it is to subdivide. Analysis of these smaller, or microgroups, is increasingly a point of study as the Internet allows individuals to join people of similar mind or habit to share virtually anything across time and distance. A **microgroup**<sup>5</sup> is a small, independent group that has a link,

2. Groups that meet most, if not all, of one's needs.
3. Groups that meet some, but not all, of individuals' needs.
4. Three or more individuals who affiliate, interact or cooperate in a familial, social, or work context.
5. A small, independent group that has a link, affiliation, or association with a larger group.

affiliation, or association with a larger group. With each additional group member the number of possible interactions increases. Harris, T., & Sherblom, J. (1999). *Small group and team communication*. Boston, MA: Allyn & Bacon., McLean, S. (2003). *The basics of speech communication*. Boston, MA: Allyn & Bacon.

Small groups normally contain between three and eight people. One person may involve intrapersonal communication, while two may constitute interpersonal communication, and both may be present within a group communication context. You may think to yourself before making a speech or writing your next post, and you may turn to your neighbour or coworker and have a side conversation, but a group relationship normally involves three to eight people, and the potential for distraction is great.

In Table 19.1 "Possible Interaction in Groups", you can quickly see how the number of possible interactions grows according to how many people are in the group. At some point, we all find the possible and actual interactions overwhelming and subdivide into smaller groups. For example, you may have hundreds of friends on Facebook, but how many of them do you regularly communicate with? You may be tempted to provide a number greater than eight, but if you exclude the “all to one” messages, such as a general tweet to everyone (but no one person in particular), you’ll find the group norms will appear.

Table 19.1 Possible Interaction in Groups

Number of Group Members	2	3	4	5	6	7	8
Number of Possible Interactions	2	9	28	75	186	441	1,056

Group norms are customs, standards, and behavioural expectations that emerge as a group forms. If you post an update every day on your Facebook page and your friends stop by to post on your wall and comment, not posting for a week will violate a group norm. They will wonder if you are sick or in the hospital where you have no access to a computer to keep them updated. If, however, you only post once a week, the group will come to naturally expect your customary post. Norms involve expectations that are self and group imposed and that often arise as groups form and develop.

If there are more than eight members, it becomes a challenge to have equal participation, where everyone has a chance to speak, listen, and respond. Some will dominate, others will recede, and smaller groups will form. Finding a natural balance within a group can also be a challenge. Small groups need to have enough



members to generate a rich and stimulating exchange of ideas, information, and interaction, but not so many people that what each brings cannot be shared. Galanes, G., Adams, K., & Brillhart, J. (2000). *Communication in groups: Applications and skills* (4th ed.). Boston, MA: McGraw-Hill.

### KEY TAKEAWAY

Forming groups fulfills many human needs, such as the need for affiliation, affection, and control; individuals also need to cooperate in groups to fulfill basic survival needs.

### EXERCISES

1. Think of the online groups you participate in. Forums may have hundreds or thousands of members, and you may have hundreds of friends on Facebook, but how many do you regularly communicate with? Exclude the “all-to-one” messages, such as a general tweet to everyone (but no one person in particular). Do you find that you gravitate toward the group norm of eight or fewer group members? Discuss your answer with your classmates.
2. What are some of the primary groups in your life? How do they compare with the secondary groups in your life? Write a two- to three-paragraph description of these groups and compare it with a classmate’s description.
3. What group is most important to people? Create a survey with at least two questions, identify a target sample size, and conduct your survey. Report how you completed the activity and your findings. Compare the results with those of your classmates.
4. Are there times when it is better to work alone rather than in a group? Why or why not? Discuss your opinion with a classmate.

## 19.2 Group Life Cycles and Member Roles

### LEARNING OBJECTIVES

1. Identify the typical stages in the life cycle of a group.
2. Describe different types of group members and group member roles.

Groups are dynamic systems in constant change. Groups grow together and eventually come apart. People join groups and others leave. This dynamic changes and transforms the very nature of the group. **Group socialization**<sup>6</sup> involves how the group members interact with one another and form relationships. Just as you were once born and changed your family, they changed you. You came to know a language and culture, a value system, and set of beliefs that influence you to this day. You came to be socialized, to experience the process of learning to associate, communicate, or interact within a group. A group you belong to this year—perhaps a soccer team or the cast of a play—may not be part of your life next year. And those who are in leadership positions may ascend or descend the leadership hierarchy as the needs of the group, and other circumstances, change over time.

### Group Life Cycle Patterns

Your life cycle is characterized with several steps, and while it doesn't follow a prescribed path, there are universal stages we can all recognize. You were born. You didn't choose your birth, your parents, your language, or your culture, but you came to know them through communication. You came to know yourself, learned skills, discovered talents, and met other people. You learned, worked, lived, and loved, and as you aged, minor injuries took longer to heal. You competed in ever-increasing age groups in your favourite sport, and while your time for each performance may have increased as you aged, your experience allowed you to excel in other ways. Where you were once a novice, you have now learned something to share. You lived to see some of your friends pass before you, and the moment will arrive when you too must confront death.

In the same way, groups experience similar steps and stages and take on many of the characteristics we associate with life. Moreland, R., & Levine, J. (1982).

Socialization in small groups: Temporal changes in individual group relations. In L. Berkowitz (Ed.), *Advances in Experimental Social Psychology*, 15, 153. They grow, overcome illness and dysfunction, and transform across time. No group, just as no individual, lives forever.

6. Involves how the group members interact with one another and form relationships.

Your first day on the job may be comparable to the first day you went to school. At home, you may have learned some of the basics, like how to write with a pencil, but knowledge of that skill and its application are two different things. In school, people spoke and acted in different ways than at home. Gradually, you came to understand the meaning of recess, the importance of raising your hand to get the teacher’s attention, and how to follow other school rules. At work, you may have had academic training for your profession, but the knowledge you learned in school only serves as your foundation—much as your **socialization**<sup>7</sup> at home served to guide you at school. On the job they use jargon terms, have schedules that may include coffee breaks (recess), have a supervisor (teacher), and have rules, explicit and understood. On the first day, it was all new, even if many of the elements were familiar.

In order to better understand group development and its life cycle, many researchers have described the universal stages and phases of groups. While there are modern interpretations of these stages, most draw from the model proposed by Bruce Tuckman. Tuckman, B. (1965). Developmental sequence in small groups. *Psychological Bulletin*, 63, 384–399. This model, shown in Table 19.2 "Tuckman’s Linear Model of Group Development" Tuckman, B. (1965). Developmental sequence in small groups. *Psychological Bulletin*, 63, 384–399., specifies the usual order of the phases of group development, and allows us to predict several stages we can anticipate as we join a new group.

Table 19.2 Tuckman’s Linear Model of Group Development

Stages	Activities
Forming	Members come together, learn about each other, and determine the purpose of the group.
Storming	Members engage in more direct communication and get to know each other. Conflicts between group members will often arise during this stage.
Norming	Members establish spoken or unspoken rules about how they communicate and work. Status, rank, and roles in the group are established.
Performing	Members fulfil their purpose and reach their goal.
Adjourning	Members leave the group.

7. The process of learning to associate, communicate, or interact within a group.

8. Initiation of group formation in which individual group members come to know each other.

9. States that we choose to know more about others with whom we have interactions in order to reduce or resolve the anxiety associated with the unknown.

Tuckman begins with the **forming stage**<sup>8</sup> as the initiation of group formation. This stage is also called the orientation stage because individual group members come to know each other. Group members who are new to each other and can’t predict each other’s behaviour can be expected to experience the stress of uncertainty.

**Uncertainty theory**<sup>9</sup> states that we choose to know more about others with whom

we have interactions in order to reduce or resolve the anxiety associated with the unknown. Berger, C., & Calabrese, R. (1975). Some explorations in initial interactions and beyond: Toward a developmental theory of interpersonal communication. *Human communication Research*, 1, 99–112., Berger, C. (1986). Response uncertain outcome values in predicted relationships: Uncertainty reduction theory then and now. *Human Communication Research*, 13, 34–38., Gudykunst, W. (1995). Anxiety/uncertainty management theory. In R. W. Wiseman (Ed.), *Intercultural communication theory* (pp. 8–58). Thousand Oaks, CA: Sage. The more we know about others and become accustomed to how they communicate, the better we can predict how they will interact with us in future contexts. If you learn that Monday mornings are never a good time for your supervisor, you quickly learn to schedule meetings later in the week. Individuals are initially tentative and display caution as they begin to learn about the group and its members.

If you don't know someone very well, it is easy to offend. Each group member brings to the group a set of experiences, combined with education and a self-concept. You won't be able to read this information on a nametag, but instead you will only come to know it through time and interaction. Since the possibility of overlapping and competing viewpoints and perspectives exists, the group will experience a **storming stage**<sup>10</sup>, a time of struggles as the members themselves sort out their differences. There may be more than one way to solve the problem or task at hand, and some group members may prefer one strategy over another. Some members of the group may be more senior to the organization than you, and members may treat them differently. Some group members may be as new as you are and just as uncertain about everyone's talents, skills, roles, and self-perceptions. The wise business communicator will anticipate the storming stage and help facilitate opportunities for the members to resolve uncertainty before the work commences. There may be challenges for leadership, and conflicting viewpoints. The sociology professor sees the world differently than the physics professor. The sales agent sees things differently than someone from accounting. A manager who understands and anticipates this normal challenge in the group's life cycle can help the group become more productive.

A clear definition of the purpose and mission of the group can help the members focus their energies. Interaction prior to the first meeting can help reduce uncertainty. Coffee and calories can help bring a group together. Providing the group with what they need and opportunities to know each other prior to their task can increase efficiency.

10. Time of struggles as group members themselves sort out their differences.
11. Time when the group establishes norms, or informal rules, for behaviour and interaction.

Groups that make a successful transition from the storming stage will next experience the **norming stage**<sup>11</sup>, where the group establishes norms, or informal rules, for behaviour and interaction. Who speaks first? Who takes notes? Who is creative, who is visual, and who is detail-oriented? Sometimes our job titles and

functions speak for themselves, but human beings are complex. We are not simply a list of job functions, and in the dynamic marketplace of today's business environment you will often find that people have talents and skills well beyond their "official" role or task. Drawing on these strengths can make the group more effective.

The norming stage is marked by less division and more collaboration. The level of anxiety associated with interaction is generally reduced, making for a more positive work climate that promotes listening. When people feel less threatened and their needs are met, they are more likely to focus their complete attention on the purpose of the group. If they are still concerned with who does what, and whether they will speak in error, the interaction framework will stay in the storming stage. Tensions are reduced when the normative expectations are known, and the degree to which a manager can describe these at the outset can reduce the amount of time the group remains in uncertainty. Group members generally express more satisfaction with clear expectations and are more inclined to participate.

Ultimately, the purpose of a work group is performance, and the preceding stages lead us to the **performing stage**<sup>12</sup>, in which the group accomplishes its mandate, fulfills its purpose, and reaches its goals. To facilitate performance, group members can't skip the initiation of getting to know each other or the sorting out of roles and norms, but they can try to focus on performance with clear expectations from the moment the group is formed. Productivity is often how we measure success in business and industry, and the group has to produce. Outcome assessments may have been built into the system from the beginning to serve as a benchmark for success. Wise managers know how to celebrate success, as it brings more success, social cohesion, group participation, and a sense of job satisfaction. Incremental gains toward a benchmark may also be cause for celebration and support, and failure to reach a goal should be regarded as an opportunity for clarification.

It is generally wiser to focus on the performance of the group rather than individual contributions. Managers and group members will want to offer assistance to underperformers as well as congratulate members for their contributions. If the goal is to create a community where competition pushes each member to perform, individual highlights may serve your needs, but if you want a group to solve a problem or address a challenge as a group, you have to promote group cohesion. Members need to feel a sense of belonging, and praise (or the lack thereof) can be a sword with two edges: one stimulates and motivates while the other demoralizes and divides.

12. Time when the group accomplishes its mandate, fulfills its purpose, and reaches its goals.

Groups should be designed to produce and perform in ways and at levels that individuals cannot, or else you should consider compartmentalizing the tasks. The

performing stage is where the productivity occurs, and it is necessary to make sure the group has what it needs to perform. Missing pieces, parts, or information can stall the group, and reset the cycle to storming all over again. Loss of performance is inefficiency, which carries a cost. Managers will be measured by the group's productivity and performance. Make sure the performing stage is one that is productive and healthy for its members.

Imagine that you are the manager of a group that has produced an award-winning design for an ecologically innovative four-seat car. Their success is your success. Their celebrations are yours even if the success is not focused on you. A manager manages the process while group members perform. If you were a member of the group that helped design the belt line, you made a fundamental contribution to the style of the car. Individual consumers may never consider the line from the front fender, across the doors, to the rear taillight as they make a purchase decision, but they will recognize beauty. You will know that you could not have achieved that fundamental part of car design without help from the engineers in the group, and if the number-crunching accountants had not seen the efficiency of the production process that produced it, it may never have survived the transition from prototype to production. The group came together and accomplished its goals with amazing results.

Now, as typically happens, all groups will eventually have to move on to new assignments. In the **adjourning stage**<sup>13</sup>, members leave the group. The group may cease to exist or it may be transformed with new members and a new set of goals. Your contributions in the past may have caught the attention of the management, and you may be assigned to redesign the flagship vehicle, the halo car of your marque or brand. It's quite a professional honour, and it's yours because of your successful work in a group. Others will be reassigned to tasks that require their talents and skills, and you may or may not collaborate with them in the future.

You may miss the interactions with the members, even the more cantankerous ones, and will experience both relief and a sense of loss. Like life, the group process is normal, and mixed emotions are to be expected. A wise manager anticipates this stage and facilitates the separation with skill and ease. We often close this process with a ritual marking its passing, though the ritual may be as formal as an award or as informal as a "thank you" or a verbal acknowledgement of a job well done over coffee and calories.

On a more sober note, it is important not to forget that groups can reach the adjourning stage without having achieved success. Some businesses go bankrupt, some departments are closed, and some individuals lose their positions after a group fails to perform. Adjourning can come suddenly and unexpectedly, or

13. Time when group members leave the group.

gradually and piece by piece. Either way, a skilled business communicator will be prepared and recognize it as part of the classic group life cycle.

### Life Cycle of Member Roles

Just as groups go through a life cycle when they form and eventually adjourn, so the group members fulfil different roles during this life cycle. These roles, proposed by Richard Moreland and John Levine, Moreland, R., & Levine, J. (1982). Socialization in small groups: Temporal changes in individual group relations. In L. Berkowitz (Ed.), *Advances in Experimental Social Psychology*, 15, 153. are summarized in Table 19.3 "Life Cycle of Member Roles". Moreland, R., & Levine, J. (1982). Socialization in small groups: Temporal changes in individual group relations. In L. Berkowitz (Ed.), *Advances in Experimental Social Psychology*, 15, 153.

Table 19.3 Life Cycle of Member Roles

1. Potential Member	Curiosity and interest
2. New Member	Joined the group but still an outsider, and unknown
3. Full Member	Knows the “rules” and is looked to for leadership
4. Divergent Member	Focuses on differences
5. Marginal member	No longer involved
6. Ex-Member	No longer considered a member

Suppose you are about to graduate from school and you are in the midst of an employment search. You’ve gathered extensive information on a couple of local businesses and are aware that they will be participating in the university job fair. You’ve explored their Web sites, talked to people currently employed at each company, and learned what you can from the public information available. At this stage, you are considered a **potential member**<sup>14</sup>. You may have an electrical, chemical, or mechanical engineering degree soon, but you are not a member of an engineering team.

You show up at the job fair in professional attire and completely prepared. The representatives of each company are respectful, cordial, and give you contact information. One of them even calls a member of the organization on the spot and arranges an interview for you next week. You are excited at the prospect and want to learn more. You are still a potential member.

14. Individual who is qualified to join a group but has not yet joined.

The interview goes well the following week. The day after the meeting, you receive a call for a follow-up interview that leads to a committee interview. A few weeks later, the company calls you with a job offer. However, in the meantime, you have also been interviewing with other potential employers, and you are waiting to hear back from two of them. You are still a potential member.

After careful consideration, you decide to take the job offer and start the next week. The projects look interesting, you'll be gaining valuable experience, and the commute to work is reasonable. Your first day on the job is positive, and they've assigned you a mentor. The conversations are positive, but you feel lost at times, as if they are speaking a language you can't quite grasp. As a **new group member**<sup>15</sup>, your level of acceptance will increase as you begin learning the group's rules, spoken and unspoken. Fisher, B. A. (1970). Decision emergence: Phases in group decision making. *Speech Monographs*, 37, 56–66. You will gradually move from the potential member role to the role of new group member as you learn to fit into the group.

Over time and projects, you gradually increase your responsibilities. You are no longer looked at as the new person, and you can follow almost every conversation. You can't quite say, "I remember when" because your tenure hasn't been that long, but you are a known quantity and know your way around. You are a full member of the group. **Full members**<sup>16</sup> enjoy knowing the rules and customs, and can even create new rules. New group members look to full members for leadership and guidance. Full group members can control the agenda and have considerable influence on the agenda and activities.

Figure 19.2



As a member of a new group, you will learn new customs and traditions.

© 2010 Jupiterimages Corporation

Full members of a group, however, can and do come into conflict. When you were a new member, you may have remained silent when you felt you had something to say, but now you state your case. There is more than one way to get the job done. You may suggest new ways that emphasize efficiency over existing methods. Coworkers who have been working in the department for several years may be unwilling to adapt and change, resulting in tension. Expressing different views can cause conflict and may even interfere with communication.

When this type of tension arises, **divergent group members**<sup>17</sup> pull back, contribute less, and start to see themselves as separate from the group. Divergent group

15. Individual who is still learning the group's norms and rules.
16. Individual who is a known quantity, is familiar with the group's norms, and feels free to express opinions.
17. Individuals who pull back, contribute less, and start to see themselves as separate from the group.



members have less eye contact, seek out each other’s opinion less frequently, and listen defensively. In the beginning of the process, you felt a sense of belonging, but now you don’t. **Marginal group members**<sup>18</sup> start to look outside the group for their interpersonal needs.

After several months of trying to cope with these adjustments, you decide that you never really investigated the other two companies; that your job search process was incomplete. Perhaps you should take a second look at the options. You will report to work on Monday, but will start the process of becoming an **ex-member**<sup>19</sup>, one who no longer belongs. You may experience a sense of relief upon making this decision, given that you haven’t felt like you belonged to the group for awhile. When you line up your next job and submit your resignation, you make it official.

This process has no set timetable. Some people overcome differences and stay in the group for years; others get promoted and leave the group only when they get transferred to regional headquarters. As a skilled business communicator, you will recognize the signs of divergence, just as you have anticipated the storming stage, and do your best to facilitate success.

### Positive and Negative Member Roles

If someone in your group always makes everyone laugh, that can be a distinct asset when the news is less than positive. At times when you have to get work done, however, the class clown may become a distraction. Notions of positive and negative will often depend on the context when discussing groups. **Table 19.4 "Positive Roles"**Beene, K., & Sheats, P. (1948). Functional roles of group members. *Journal of Social Issues*, 37, 41–49.,McLean, S. (2005). *The basics of interpersonal communication*. Boston, MA: Allyn & Bacon. and **Table 19.5 "Negative Roles"**Beene, K., & Sheats, P. (1948). Functional roles of group members. *Journal of Social Issues*, 37, 41–49.,McLean, S. (2005). *The basics of interpersonal communication*. Boston, MA: Allyn & Bacon. list both positive and negative roles people sometimes play in a group setting.Beene, K., & Sheats, P. (1948). Functional roles of group members. *Journal of Social Issues*, 37, 41–49.,McLean, S. (2005). *The basics of interpersonal communication*. Boston, MA: Allyn & Bacon.

Table 19.4 Positive Roles

18. Individual who looks outside the group for fulfillment of personal needs.

19. Individual who no longer belongs to a group.

Initiator-Coordinator	Suggests new ideas or new ways of looking at the problem
Elaborator	Builds on ideas and provides examples
Coordinator	Brings ideas, information, and suggestions together

Evaluator-Critic	Evaluates ideas and provides constructive criticism
Recorder	Records ideas, examples, suggestions, and critiques

Table 19.5 Negative Roles

Dominator	Dominates discussion, not allowing others to take their turn
Recognition Seeker	Relates discussion to their accomplishments; seeks attention
Special-Interest Pleader	Relates discussion to special interest or personal agenda
Blocker	Blocks attempts at consensus consistently
Joker or Clown	Seeks attention through humour and distracts group members

Now that we’ve examined a classical view of positive and negative group member roles, let’s examine another perspective. While some personality traits and behaviours may negatively influence groups, some are positive or negative depending on the context.

Just as the class clown can have a positive effect in lifting spirits or a negative effect in distracting members, a dominator may be exactly what is needed for quick action. An emergency physician doesn’t have time to ask all the group members in the emergency unit how they feel about a course of action; instead, a self-directed approach based on training and experience may be necessary. In contrast, the pastor of a church may have ample opportunity to ask members of the congregation their opinions about a change in the format of Sunday services; in this situation, the role of coordinator or elaborator is more appropriate than that of dominator.

The group is together because they have a purpose or goal, and normally they are capable of more than any one individual member could be on their own, so it would be inefficient to hinder that progress. But a blocker, who cuts off collaboration, does just that. If a group member interrupts another and presents a viewpoint or information that suggests a different course of action, the point may be well taken and serve the collaborative process. But if that same group member repeatedly engages in blocking behaviour, then the behaviour becomes a problem. A skilled business communicator will learn to recognize the difference, even when positive and negative aren’t completely clear.

### KEY TAKEAWAY

Groups and their individual members come together and grow apart in predictable patterns.

### EXERCISES

1. Is it possible for an outsider (a nongroup member) to help a group move from the storming stage to the norming stage? Explain your answer and present it to the class.
2. Think of a group of which you are a member and identify some roles played by group members, including yourself. Have your roles, and those of others, changed over time? Are some roles more positive than others? Discuss your answers with your classmates.
3. In the course where you are using this book, think of yourself and your classmates as a group. At what stage of group formation are you currently? What stage will you be at when the school year ends?
4. Think of a group you no longer belong to. At what point did you become an ex-member? Were you ever a marginal group member or a full member? Write a two- to three-paragraph description of the group, how and why you became a member, and how and why you left. Share your description with a classmate.

## 19.3 Group Problem Solving

### LEARNING OBJECTIVE

1. Identify and describe how to implement seven steps for group problem solving.

No matter who you are or where you live, problems are an inevitable part of life. This is true for groups as well as for individuals. Some groups—especially work teams—are formed specifically to solve problems. Other groups encounter problems for a wide variety of reasons. Within a family group, a problem might be that a daughter or son wants to get married and the parents do not approve of the marriage partner. In a work group, a problem might be that some workers are putting in more effort than others, yet achieving poorer results. Regardless of the problem, having the resources of a group can be an advantage, as different people can contribute different ideas for how to reach a satisfactory solution.

Once a group encounters a problem, the questions that come up range from “Where do we start?” to “How do we solve it?” While there are many ways to approach a problem, the American educational philosopher John Dewey’s reflective thinking sequence has stood the test of time. This seven-step process Adler, R. (1996). *Communicating at work: Principles and practices for business and the professions*. Boston, MA: McGraw-Hill. has produced positive results and serves as a handy organizational structure. If you are member of a group that needs to solve a problem and don’t know where to start, consider these seven simple steps in a format adapted from Scott McLean:McLean, S. (2005). *The basics of interpersonal communication*. Boston, MA: Allyn & Bacon.

1. Define the problem
2. Analyze the problem
3. Establish criteria
4. Consider possible solutions
5. Decide on a solution
6. Implement the solution
7. Follow up on the solution

Let’s discuss each step in detail.

## Define the Problem

If you don't know what the problem is, how do you know you can solve it? Defining the problem allows the group to set boundaries of what the problem is and what it is not and to begin to formalize a description or definition of the scope, size, or extent of the challenge the group will address. A problem that is too broadly defined can overwhelm the group. If the problem is too narrowly defined, important information will be missed or ignored.

In the following example, we have a Web-based company called Favuorites that needs to increase its customer base and, ultimately, sales. A problem-solving group has been formed, and they start by formulating a working definition of the problem.

Too broad: "Sales are off, our numbers are down, and we need more customers."

More precise: "Sales have been slipping incrementally for six of the past nine months and are significantly lower than a seasonally adjusted comparison to last year. Overall, this loss represents a 4.5 percent reduction in sales from the same time last year. However, when we break it down by product category, sales of our nonedible products have seen a modest but steady increase, while sales of edibles account for the drop off and we need to halt the decline."

## Analyze the Problem

Now the group analyzes the problem, trying to gather information and learn more. The problem is complex and requires more than one area of expertise. Why do nonedible products continue selling well? What is it about the edibles that is turning customers off? Let's meet our problem solvers at Favuorites.

Kevin is responsible for customer resource management. He is involved with the customer from the point of initial contact through purchase and delivery. Most of the interface is automated in the form of an online "basket model," where photographs and product descriptions are accompanied by "buy it" buttons. He is available during normal working business hours for live chat and voice chat if needed, and customers are invited to request additional information. Most Favuorites customers do not access this service, but Kevin is kept quite busy, as he also handles returns and complaints. Because Kevin believes that superior service retains customers while attracting new ones, he is always interested in better ways to serve the customer. Looking at edibles and nonedibles, he will study the cycle of customer service and see if there are any common points—from the main Web page, through the catalogue, to the purchase process, and to returns—at which customers

abandon the sale. He has existing customer feedback loops with end-of-sale surveys, but most customers decline to take the survey and there is currently no incentive to participate.

Mariah is responsible for products and purchasing. She wants to offer the best products at the lowest price, and to offer new products that are unusual, rare, or exotic. She regularly adds new products to the Favourites catalogue and culls underperformers. Right now she has the data on every product and its sales history, but it is a challenge to represent it. She will analyze current sales data and produce a report that specifically identifies how each product—edible and nonedible—is performing. She wants to highlight “winners” and “losers” but also recognizes that today’s “losers” may be the hit of tomorrow. It is hard to predict constantly changing tastes and preferences, but that is part of her job. It’s not all science, and it’s not all art. She has to have an eye for what will catch on tomorrow while continuing to provide what is hot today.

Suri is responsible for data management at Favourites. She gathers, analyzes, and presents information gathered from the supply chain, sales, and marketing. She works with vendors to make sure products are available when needed, makes sales predictions based on past sales history, and assesses the effectiveness of marketing campaigns.

The problem-solving group members already have certain information on hand. They know that customer retention is one contributing factor. Attracting new customers is a constant goal, but they are aware of the well-known principle that it takes more effort to attract new customers than to keep existing ones. Thus, it is important to ensure a quality customer service experience for existing customers and encourage them to refer friends. The group needs to determine how to promote this favourable customer behaviour.

Another contributing factor seems to be that customers often abandon the shopping cart before completing a purchase, especially when purchasing edibles. The group members need to learn more about why this is happening.

### **Establish Criteria**

Establishing the criteria for a solution is the next step. At this point, information is coming in from diverse perspectives, and each group member has contributed information from their perspective, even though there may be several points of overlap.

Kevin: Customers who complete the postsale survey indicate that they want to know (1) what is the estimated time of delivery, (2) why a specific item was not in stock and when it will be available, and (3) why their order sometimes arrives less than complete, with some items back-ordered, without prior notification.

He notes that a very small percentage of customers complete the postsale survey, and the results are far from scientific. He also notes that it appears the interface is not capable of cross-checking inventory to provide immediate information concerning back orders, so that the customer “buys it” only to learn several days later that it was not in stock. This seems to be especially problematic for edible products, because people may tend to order them for special occasions like birthdays and anniversaries. But we don’t really know this for sure because of the low participation in the postsale survey.

Mariah: There are four edible products that frequently sell out. So far, we haven’t been able to boost the appeal of other edibles so that people would order them as a second choice when these sales leaders aren’t available. We also have several rare, exotic products that are slow movers. They have potential, but currently are underperformers.

Suri: We know from a postal code analysis that most of our customers are from a few specific geographic areas associated with above-average incomes. We have very few credit cards declined, and the average sale is over \$100. Shipping costs represent on average 8 percent of the total sales cost. We do not have sufficient information to produce a customer profile. There is no specific point in the purchase process where basket abandonment tends to happen; it happens fairly uniformly at all steps.

### **Consider Possible Solutions to the Problem**

The group has listened to each other and now starts to brainstorm ways to address the challenges they have addressed while focusing resources on those solutions that are more likely to produce results.

Kevin: Is it possible for our programmers to create a cross-index feature, linking the product desired with a report of how many are in stock? I’d like the customer to know right away whether it is in stock, or how long they may have to wait. As another idea, is it possible to add incentives to the purchase cycle that won’t negatively impact our overall profit? I’m thinking a small volume discount on multiple items, or perhaps free shipping over a specific dollar amount.

Mariah: I recommend we hold a focus group where customers can sample our edible products and tell us what they like best and why. When the best sellers are sold out, could we offer a discount on related products to provide an instant alternative? We might also cull the underperforming products with a liquidation sale to generate interest.

Suri: If we want to know more about our customers, we need to give them an incentive to complete the postsale survey. How about a 5 percent off coupon code for the next purchase to get them to return and to help us better identify our customer base? We may also want to build in a customer referral rewards program, but it all takes better data in to get results out. We should also explore the supply side of the business by getting a more reliable supply of the leading products and trying to get discounts that are more advantageous from our suppliers, especially in the edible category.

### Decide on a Solution

Kevin, Mariah, and Suri may want to implement all the solution strategies, but they do not have the resources to do them all. They'll complete a **cost-benefit analysis**<sup>20</sup>, which ranks each solution according to its probable impact. The analysis is shown in Table 19.6 "Cost-Benefit Analysis".

Table 19.6 Cost-Benefit Analysis

Source	Proposed Solution	Cost	Benefit	Comment
Kevin	Integrate the cross-index feature	High	High	Many of our competitors already have this feature
	Volume discount	Low	Medium	May increase sales slightly
	Free shipping	Low	Low	This has a downside in making customers more aware of shipping costs if their order doesn't qualify for free shipping
Mariah	Hold a focus group to taste edible products	High	Medium	Difficult to select participants representative of our customer base
	Search for alternative products to high performers	Medium	Medium	We can't know for sure which products customers will like best

20. Method of ranking each possible solution according to its probable impact.



Source	Proposed Solution	Cost	Benefit	Comment
	Liquidate underperformers	Low	Low	Might create a “bargain basement” impression inconsistent with our brand
Suri	Incentive for postsale survey completion	Low	Medium	Make sure the incentive process is easy for the customer
	Incentive for customer referrals	Low	Medium	People may feel uncomfortable referring friends if it is seen as putting them in a marketing role
	Find a more reliable supply of top-selling edibles	Medium	High	We already know customers want these products
	Negotiate better discounts from vendors	Low	High	If we can do this without alienating our best vendors, it will be a win-win

Now that the options have been presented with their costs and benefits, it is easier for the group to decide which courses of action are likely to yield the best outcomes. The analysis helps the group members to see beyond the immediate cost of implementing a given solution. For example, Kevin’s suggestion of offering free shipping won’t cost Favourites much money, but it also may not pay off in customer goodwill. And even though Mariah’s suggestion of having a focus group might sound like a good idea, it will be expensive and its benefits are questionable.

A careful reading of the analysis indicates that Kevin’s best suggestion is to integrate the cross-index feature in the ordering process so that customers can know immediately whether an item is in stock or on back order. Mariah, meanwhile, suggests that searching for alternative products is probably the most likely to benefit Favourites, while Suri’s two supply-side suggestions are likely to result in positive outcomes.

### Implement the Solution

Kevin is faced with the challenge of designing the computer interface without incurring unacceptable costs. He strongly believes that the interface will pay for itself within the first year—or, to put it more bluntly, that Favourites’ declining sales will get worse if the Web site does not have this feature soon. He asks to meet with top management to get budget approval and secures their agreement, on one condition: he must negotiate a compensation schedule with the Information

Technology consultants that includes delayed compensation in the form of bonuses after the feature has been up and running successfully for six months.

Mariah knows that searching for alternative products is a never-ending process, but it takes time and the company needs results. She decides to invest time evaluating products that competing companies currently offer, especially in the edible category, on the theory that customers who find their desired items sold out on the Favourites Web site may have been buying alternative products elsewhere instead of choosing an alternative from Favourites' product lines.

Suri decides to approach the vendors of the four frequently sold-out products and ask point blank, "What would it take to get you to produce these items more reliably in greater quantities?" By opening the channel of communication with these vendors, she is able to motivate them to make modifications that will improve the reliability and quantity. She also approaches the vendors of the less popular products with a request for better discounts in return for their cooperation in developing and test-marketing new products.

### **Follow Up on the Solution**

Kevin: After several beta tests, the cross-index feature was implemented and has been in place for thirty days. Now customers see either "in stock" or "available [mo/da/yr]" in the shopping basket. As expected, Kevin notes a decrease in the number of chat and phone inquiries to the effect of, "Will this item arrive before my wife's birthday?" However, he notes an increase in inquiries asking, "Why isn't this item in stock?" It is difficult to tell whether customer satisfaction is higher overall.

Mariah: In exploring the merchandise available from competing merchants, she got several ideas for modifying Favourites' product line to offer more flavours and other variations on popular edibles. Working with vendors, she found that these modifications cost very little. Within the first thirty days of adding these items to the product line, sales are up. Mariah believes these additions also serve to enhance the Favourites brand identity, but she has no data to back this up.

Suri: So far, the vendors supplying the four top-selling edibles have fulfilled their promise of increasing quantity and reliability. However, three of the four items have still sold out, raising the question of whether Favourites needs to bring in one or more additional vendors to produce these items. Of the vendors with which Favourites asked to negotiate better discounts, some refused, and two of these were "stolen" by a competing merchant so that they no longer sell to Favourites. In addition, one of the vendors that agreed to give a better discount was unexpectedly forced to cease operations for several weeks because of a fire.

This scenario allows us to see that the problem may have several dimensions as well as solutions, but resources can be limited and not every solution is successful. Even though the problem is not immediately resolved, the group problem-solving pattern serves as a useful guide through the problem-solving process.

### KEY TAKEAWAY

Group problem solving can be an orderly process when it is broken down into seven specific stages.

### EXERCISES

1. Think of a problem encountered in the past by a group of which you are a member. How did the group solve the problem? How satisfactory was the solution? Discuss your results with your classmates.
2. Consider again the problem you described in Exercise 1. In view of the seven-step framework, which steps did the group utilize? Would following the full seven-step framework have been helpful? Discuss your opinion with a classmate.
3. Research one business that you would like to know more about and see if you can learn about how they communicate in groups and teams. Compare your results with those of classmates.
4. Think of a decision you will be making some time in the near future. Apply the cost-benefit analysis framework to your decision. Do you find this method helpful? Discuss your results with classmates.

## 19.4 Business and Professional Meetings

### LEARNING OBJECTIVES

1. Understand how to prepare for and conduct business meetings.
2. Understand how to use technology to aid in group communications.
3. Understand the basic principles of organizational communication.

Business and professional meetings are a part of the communication climate of any business. Some view meetings as boring, pointless, and futile exercises, while others see them as opportunities to exchange information and produce results. A combination of preparation and execution makes all the difference. Remember, too, that meetings do not have to take place in a physical space where the participants meet face to face. Instead, a number of technological tools make it possible to hold virtual meetings in which the participants are half a world away from one another. Virtual meetings are formally arranged gatherings where participants, located in distinct geographic locations, come together via the Internet.

### Preparation

A meeting, like a problem-solving group, needs a clear purpose statement. The specific goal for the specific meeting will clearly relate to the overall goal of the group or committee. Determining your purpose is central to an effective meeting and getting together just to get together is called a party, not a meeting. Do not schedule a meeting just because you met at the same time last month or because it is a standing committee. Members will resent the intrusion into their schedules and quickly perceive the lack of purpose.

Similarly, if the need for a meeting arises, do not rush into it without planning. A poorly planned meeting announced at the last minute is sure to be less than effective. People may be unable to change their schedules, may fail to attend, or may impede the progress and discussion of the group because of their absence. Those who attend may feel hindered because they needed more time to prepare and present comprehensive results to the group or committee.

If a meeting is necessary, and a clear purpose can be articulated, then you'll need to decide how and where to meet. Distance is no longer an obstacle to participation, as we will see later in this section when we explore some of the technologies for virtual meetings. However, there are many advantages to meeting in person. People

communicate not just with words but also with their body language—facial expressions, hand gestures, head nodding or head shaking, and posture. These subtleties of communication can be key to determining how group members really feel about an issue or question. Meeting in real time can be important, too, as all group members have the benefit of receiving new information at the same time. For purposes of our present discussion, we will focus on meetings taking place face to face in real time.

If you have a purpose statement for the meeting, then it also follows that you should be able to create an agenda, or a list of topics to be discussed. You may need to solicit information from members to formulate an agenda, and this premeeting contact can serve to encourage active participation. The agenda will have a time, date, place, and method of interaction noted, as well as a list of participants. It will also have a statement of purpose, a list of points to be considered, and a brief summary of relevant information that relates to each point. Somewhere on the agenda the start and end times need to be clearly indicated, and it is always a good idea to leave time at the end for questions and additional points that individual members may want to share. If the meeting has an emotional point or theme, or the news is negative, plan for additional time for discussion, clarification, and recycling of conversations as the participants process the information.

If you are planning an intense work session, you need to consider the number of possible interactions among the participants and limit them. Smaller groups are generally more productive. If you are gathering to present information or to motivate the sales staff, a large audience, where little interaction is expected, is appropriate. Each member has a role, and attention to how and why they are interacting will produce the best results. Review the stages of group formation in view of the idea that a meeting is a short-term group. You can anticipate a “forming” stage, and if roles are not clear, there may be a bit of “storming” before the group establishes norms and becomes productive. Adding additional participants for no clear reason will only make the process more complex and may produce negative results.

Inviting the participants via e-mail has become increasingly common across business and industry. Software programs like Microsoft Outlook allow you to initiate a meeting request and receive an “accept” or “decline” response that makes the invitation process organized and straightforward. Reliance on a software program, however, may not be enough to encourage and ensure participation. A reminder on the individual’s computer may go off fifteen minutes prior to the meeting, but if they are away from their computer or if Outlook is not running, the reminder will go unseen and unheard. A reminder e-mail on the day of the meeting, often early in the morning, can serve as a personal effort to highlight the activities of the day.

If you are the person responsible for the room reservation, confirm the reservation a week before the meeting and again the day before the meeting. Redundancy in the confirmation process can help eliminate **double-booking**<sup>21</sup> a room, where two meetings are scheduled at the same time. If technology is required at the meeting, such as a microphone, conference telephone, or laptop and projector, make sure you confirm their reservation at the same time as you confirm the meeting room reservation. Always personally inspect the room and test these systems prior to the meeting. There is nothing more embarrassing than introducing a high-profile speaker, such as the company president, and then finding that the PowerPoint projector is not working properly.

### Conducting the Meeting

The world is a stage and a meeting is a performance, the same as an interview or speech presentation. Each member has a part to perform and they should each be aware of their roles and responsibilities prior to the meeting. Everyone is a member of the group, ranging from new members to full members. If you can reduce or eliminate the storming stage, all the better. A clearly defined agenda can be a productive tool for this effort.

People may know each other by role or title, but may not be familiar with each other. Brief introductions can serve to establish identity, credibility, and help the group transition to performance. The purpose of the meeting should be clearly stated, and if there are rules or guidelines that require a specific protocol, they should be introduced.

Mary Ellen Guffey Guffey, M. (2007). *Essentials of business communication* (7th ed.). Mason, OH: Thomson/Wadsworth. provides a useful participant checklist that is adapted here for our use:

- Arrive on time and stay until the meeting adjourns (unless there are prior arrangements)
- Leave the meeting only for established breaks or emergencies
- Be prepared and have everything you need on hand
- Turn off cell phones and personal digital assistants
- Follow the established protocol for turn taking
- Respect time limits
- Demonstrate professionalism in your verbal and nonverbal interactions
- Communicate interest and stay engaged in the discussion
- Avoid tangents and side discussions
- Respect space and don't place your notebook or papers all around you

21. Misunderstanding in which two meetings are scheduled at the same time in the same place.

- Clean up after yourself
- Engage in polite conversation after the conclusion

If you are cast in the role of meeting leader, you may need to facilitate the discussion and address conflict. The agenda serves as your guide and you may need to redirect the discussion to the topic, but always demonstrate respect for each and every member. You may also need to intervene if a point has reached a stalemate in terms of conflict (this text offers specific guidelines for managing interpersonal conflict that apply here).

There has been quite a discussion on the role of seating arrangements in meeting within the field of business communication. Generally, a table that is square, rectangular, or U-shaped has a fixed point at which the attention is directed, often referred to as the head of the table. This space is often associated with power, status, and hierarchy and may play an important role in the flow of interactions across the meeting. If information is to be distributed and presented from administration to managers, for example, a table with a clear focal point for the head or CEO may be indicated. Tables that are round, or tables arranged in a circular pattern, allow for a more egalitarian model of interaction, reducing the hierarchical aspects while reinforcing the clear line of sight among all participants. If a meeting requires intense interaction and collaboration, generally a round table or a circular pattern is indicated.

Some meetings do not call for a table, but rather rows of seats all facing toward the speaker; you probably recognize this arrangement from many class lectures you have attended. For relatively formal meetings in which information is being delivered to a large number of listeners and little interaction is desired, seating in rows is an efficient use of space.

Transitions are often the hardest part of any meeting. Facilitating the transition from one topic to the next may require you to create links between each point. You can specifically note the next point on the agenda and verbally introduce the next speaker or person responsible for the content area. Once the meeting has accomplished its goals in the established time frame, it is time to facilitate the transition to a conclusion. You may conclude by summarizing what has been discussed or decided, and what actions the group members are to take as a result of the meeting. If there is a clear purpose for holding a subsequent meeting, discuss the time and date, and specifically note assignments for next time.

Feedback is an important part of any communication interaction. Minutes are a written document that serves to record the interaction and can provide an opportunity for clarification. Minutes often appear as the agenda with notes in

relation to actions taken during the meeting or specific indications of who is responsible for what before the next meeting. In many organizations, minutes of the meeting are tentative, like a rough draft, until they are approved by the members of the group or committee. Normally minutes are sent within a week of the meeting if it is a monthly event, and more quickly if the need to meet more frequently has been determined. If your organization does not call for minutes, you can still benefit by reviewing your notes after a meeting and comparing them with those of others to make sure you understood what was discussed and did not miss—or misinterpret—any key information.

### **Using Technology to Facilitate Meetings**

Given the widespread availability and increasingly low cost of electronic communication, technologies that once served to bring people together across continents and time zones are now also serving people in the same geographic area. Rather than travelling (by plane, car, or even elevator within the same building) to a central point for a face-to-face interaction, busy and cost-conscious professionals often choose to see and hear each other via one of many different electronic interface technologies. It is important to be aware of the dimensions of nonverbal communication that are lost in a virtual meeting compared to an in-person meeting. Nevertheless, these technologies are a boon to today's business organizations, and knowing how to use them is a key skill for all job seekers. We will discuss the technologies by category, beginning with audio-only, then audio-visual, and finally social media.

#### **Audio-Only Interactions**

The simplest form of audio-only interaction is, of course, a telephone call. Chances are that you have been using the phone all your life, yet did you know that some executives hire professional voice coaches to help them increase their effectiveness in phone communication? When you stop to think about it, we use a great many audio-only modes of communication, ranging from phone calls and voice-activated telephone menus to radio interviews, public address systems, dictation recording systems, and computer voice recognition technology. The importance of audio communication in the business world has increased with the availability of conference calls, Web conferences, and voice over Internet protocol (VoIP) communications.

Your voice has qualities that cannot be communicated in written form, and you can use these qualities to your advantage as you interact with colleagues. If you are sending a general informative message to all employees, an e-mail may serve you well, but if you are congratulating one employee on receiving an industry award, your voice as the channel carries your enthusiasm.



Take care to pay attention to your **pronunciation**<sup>22</sup> of words, stating them correctly in normal ways, and avoiding words that you are not comfortable with as you may mispronounce them. Mispronunciation can have a negative impact on your reputation or perceived credibility. Instead of using complicated words that may cause you to stumble, choose a simple phrase if you can, or learn to pronounce the word correctly before you use it in a formal interactive setting.

Your voice quality, volume, and pitch also influence how your spoken words are interpreted. **Quality**<sup>23</sup> often refers to emotional tone of your voice, from happy and enthusiastic to serious or even sad. In most business situations, it is appropriate to speak with some level of formality, yet avoid sounding stilted or arrogant. Your **volume**<sup>24</sup> (the loudness of your voice) should be normal, but do make sure your listeners can hear you. In some situations, you may be using a directional microphone that only amplifies your voice signal if you speak directly into it.

If your audience includes English learners, remember that speaking louder (i.e., shouting) does not help them to understand you any better than speaking in a normal tone. Your word choices will make a much more significant impact when communicating across cultures; strive to use direct sentences and avoid figures of speech that do not translate literally.

**Pitch**<sup>25</sup> refers to the frequency, high or low, of your voice. A pleasant, natural voice will have some variation in pitch. A speaker with a flat pitch, or a monotone (one-tone) voice, is often interpreted as being bored and often bores his or her listeners.

If you are leaving a voice mail, state all the relevant information in concise, clear terms, making sure to speak slowly; don't forget to include your contact information, even if you think the person already knows your phone number. Imagine you were writing down your phone number as you recite it and you will be better able to record it at a "listener-friendly" speed. Don't leave a long, rambling voice mail message. You may later wish you had said less, and the more content you provide the more you increase the possibility for misunderstandings without your being present for clarification.

22. The way a word or phrase sounds when stated orally.

23. Emotional tone of one's voice.

24. Loudness or softness of one's voice.

25. Frequency, high or low, of one's voice.

### Audio-Visual Interactions

Rather than call each other, we often call and interact in both audio and visual ways via the Internet. There are several ways to interface via audio and video, and new technologies in this area are being invented all the time. For example, VoIP software allows the participants to see and hear each other across time and distance with one-on-one calls and video conferencing. The audio portion of the call comes through a headset, and the callers see each other on their computer monitors, as if

they were being broadcast on television. This form of audio-visual communication is quickly becoming a low- or no-cost business tool for interaction.

If you are going to interact via audio and visual signals, make sure you are prepared. Appropriate dress, setting, and attitude are all required. The integration of a visual signal to the traditional phone call means that nonverbal gestures can now be observed in real time and can both aid and detract from the message.

If you are unfamiliar with the technology, practice with it before your actual business interaction. Try out the features with a friend and know where to find and access the information. If the call doesn't go as planned, or the signal isn't what you expected or experienced in the past, keep a good attitude and try again.

### Social Media

Online communities, forums, blogs, tweets, cloud computing, and avatar-activated environments are some of the continually developing means of social media being harnessed by the business world. The Internet is increasingly promoting tools and platforms for people to interact. From bulletin boards that resemble the FreeNet posts of years past, to interactive environments like Second Life, people are increasingly representing and interpreting themselves online.

Humans seek interaction, and this has led to new ways to market, advertise, and interact; however, caution is warranted when engaging in social media online. When you use these media, remember a few simple cautions:

1. Not everything is at it appears. The individuals on the forum may not all be who they represent themselves to be.
2. The words you write and the images you send, regardless of how much you trust the recipient, may become public and can remain online forever.
3. Always consider what you access and what you post, and how it represents you and your employer, even if you think others cannot know where you work or who you are.
4. Be aware that Internet service providers (ISPs) are required by law to archive information concerning the use and traffic of information that can become available under subpoena.

26. Theme-based Web sites that gather a community of individuals dedicated to a common interest.

**Forums**<sup>26</sup> are often theme-based Web sites that gather a community of individuals dedicated to a common interest. From owner-enthusiast Web sites that celebrate the new Mini Cooper, where owners discuss modifications and sell parts to each

other, to forums that emphasize a viewpoint, such as the Life After the Oil Crash (LATOC) discussion board, affectionately called doomers, people come together to compare notes around areas of interest.

**Professional networking sites**<sup>27</sup> such as LinkedIn allow people to link to, and interact with, others who work in their industry or related ones. More general social media sites include MySpace and Facebook, which also present threaded discussions and dynamic interfaces with groups that may or may not be limited to those that user intends. Interactive writing platforms such as blogs, wikis, and cloud computing involve having common documents stored on the Internet which can be accessed from multiple sites at once, further facilitating the interaction. **Blogs**<sup>28</sup> are Web pages with periodic posts that may or may not feature feedback responses from readers. **Wikis**<sup>29</sup> are collaborations on Web content that are created and edited by users. **Cloud computing**<sup>30</sup> involves secure access of files from anywhere as information is stored remotely. Somewhere between a **social networking site**<sup>31</sup>, where people gather virtually to interact, and a computer game lies the genre of avatar-activated virtual worlds such as Second Life. In these environments, users can meet others and make friends, participate in activities, and create and trade virtual property and services.

Business and industry organizations may also incorporate posts and threaded discussions, but often under a password-protected design on a company's intranet or other limited-access platform. Employees may use their business-provided computer equipment to access sites that are not business related (if not specifically blocked), but all information associated with a each business's computer is subject to inspection, archival, and supervision.

27. A site that allows people to link to and interact with others who work in their industry or related ones.

28. Web pages with periodic posts that may or may not feature feedback responses from readers.

29. Collaborations on Web content that are created and edited by users.

30. Involves secure access of files from anywhere as information is stored remotely.

31. A site where people gather virtually to interact.

Every computer is assigned an Internet protocol or IP address. The IP address can be specifically traced back to the original user, or at least to the computer itself and to who is responsible for its use. From an e-mail via one of the free sites (e.g., Juno, Google's Gmail, or Yahoo! Mail) to cloud computing and wikis, your movements across the Web leave clear "footprints."

Whether you maintain a personal Web page, a blog, or engage with peers and colleagues via Twitter, take care when considering what personal information to make public. Privacy is an increasing issue online and your safety is a priority. Always represent yourself and your organization with professionalism, knowing that what you search for and how you use your business computer can and often is subject to inspection.

## Organizational Communication

Businesses and companies are often described in terms we normally associate with family, from relationships between siblings, to dominant-subordinate roles between parents and children, and the role of praise and correction. **Organizational communication**<sup>32</sup>, or the study of the communication context, environment, and interaction within an organization, was once the domain of speech communication departments. Modern business schools now view the study of organizational communication as an integral part of the curriculum, noting the interdependent relationships of productivity, climate, and interaction between individuals within the organization (internal) and related to the organization (external), such as suppliers or customers.

Organizations have communication needs and challenges just like a family, a group, or a community. We can examine the study of communication within an organization, noting common interactive practices like performance reviews, newsletters, supervisor and direction, and the flow of information throughout the organization. We can also study the practices of the organization as they relate to other organizations and the media, as is public relations, crisis communication plans, and interorganizational interaction. Research into these areas often emphasizes the outcome, in terms of increased productivity and more effective strategic communication systems. Tucker, M., Meyer, G., & Westman, J. (1986). *Thinking through communication: An introduction to the study of human communication*. Boston, MA: Allyn & Bacon. Change management, knowledge management, organizational culture, leaderships, and strategic planning often include elements of organizational communication, and again examine communication from the perspective of efficiency and effectiveness.

As a skilled business writer or communicator, you can see that the study of organizational communication can serve to inform you on the lessons learned by other companies, which are often represented in research publications, to improve the processes in place within your organization. For example, crisis management once was a knee-jerk reaction to a situation, one that caused businesses and companies to experience chaos and information management in unanticipated ways, leading to mistakes and damaging reputations. Crisis communication plans are now a common feature in business, outlining roles and responsibilities, as well as central communication coordination and how to interact with media. Supervisors and employees then have a guide to serve everyone, much like a common playbook in organized sports like football, where everyone knows everyone else's position on the field once an emergency occurs.

32. The study of the communication context, environment, and interaction within an organization.

### KEY TAKEAWAY

Meetings require planning, choice of appropriate technology, and understanding of organizational communication.

### EXERCISES

1. Take notes in one of your classes as if they were the official minutes of a meeting. Does the class “meeting” have a purpose? What preparations were made and what technology was used? Is there a follow-up or a plan for the next class meeting? Compare your notes with another student to see if you understood all the information conveyed in the class.
2. Collaborate with one or more classmates and contribute to a computing cloud or a wiki. What was the activity like? Did you learn new information that you would not have learned by studying individually?
3. Make an audio recording of your voice and listen to it. Are there aspects of your voice quality, pronunciation, or delivery style that you would like to improve? Practice daily and make more recordings until you notice improvement.

## 19.5 Teamwork and Leadership

### LEARNING OBJECTIVES

1. Define teamwork and explain how to overcome various challenges to group success.
2. Describe the process of leader development.
3. Describe several different leadership styles and their likely influence on followers.

Two important aspects of group communication—especially in the business environment—are teamwork and leadership. You will work in a team and at some point may be called on to lead. You may emerge to that role as the group recognizes your specific skill set in relation to the task, or you may be appointed to a position of responsibility for yourself and others. Your communication skills will be your foundation for success as a member and as a leader. Listen and seek to understand both the task and your group members as you become involved with the new effort. Have confidence in yourself and inspire the trust of others. Know that leading and following are both integral aspects of effective teamwork.

### Teamwork

Teamwork is a compound word, combining team and work. Teams are a form of group normally dedicated to production or problem solving. That leaves us with the work. This is where our previous example on problem solving can serve us well. Each member of the team has skills, talents, experience, and education. Each is expected to contribute. Work is the activity, and while it may be fun or engaging, it also requires effort and commitment, as there is a schedule for production with individual and group responsibilities. Each member must fulfil his or her own obligations for the team to succeed, and the team, like a chain, is only as strong as its weakest member. In this context we don't measure strength or weakness at the gym, but in terms of productivity.

Teams can often achieve higher levels of performance than individuals because of the combined energies and talents of the members. Collaboration can produce motivation and creativity that may not be present in single-contractor projects. Individuals also have a sense of belonging to the group, and the range of views and diversity can energize the process, helping address creative blocks and stalemates.

By involving members of the team in decision-making, and calling up on each member's area of contribution, teams can produce positive results.

Teamwork is not without its challenges. The work itself may prove a challenge as members juggle competing assignments and personal commitments. The work may also be compromised if team members are expected to conform and pressured to go along with a procedure, plan, or product that they themselves have not developed. **Groupthink**<sup>33</sup>, or the tendency to accept the group's ideas and actions in spite of individual concerns, can also compromise the process and reduce efficiency. Personalities and competition can play a role in a team's failure to produce.

We can recognize that people want to belong to a successful team, and celebrating incremental gain can focus the attention on the project and its goals. Members will be more willing to express thoughts and opinions, and follow through with actions, when they perceive that they are an important part of the team. By failing to include all the team members, valuable insights may be lost in the rush to judgement or production. Making time for planning, and giving each member time to study, reflect, and contribute can allow them to gain valuable insights from each other, and may make them more likely to contribute information that challenges the status quo. Unconventional or "devil's advocate" thinking may prove insightful and serve to challenge the process in a positive way, improving the production of the team. Respect for divergent views can encourage open discussion.

John Thill and Courtland Bovee Thill, J. V., & Bovee, C. L. (2002). *Essentials of business communication*. Upper Saddle River, NJ: Prentice Hall. provide a valuable list to consider when setting up a team, which we have adapted here for our discussion:

- Select team members wisely
- Select a responsible leader
- Promote cooperation
- Clarify goals
- Elicit commitment
- Clarify responsibilities
- Instill prompt action
- Apply technology
- Ensure technological compatibility
- Provide prompt feedback

33. Tendency to accept the group's ideas and actions in spite of individual concerns.

Group dynamics involve the interactions and processes of a team and influence the degree to which members feel a part of the goal and mission. A team with a strong identity can prove to be a powerful force, but it requires time and commitment. A team that exerts too much control over individual members can run the risk or

reducing creative interactions and encourage tunnel vision. A team that exerts too little control, with attention to process and areas of specific responsibility, may not be productive. The balance between motivation and encouragement, and control and influence, is challenging as team members represent diverse viewpoints and approaches to the problem. A skilled business communicator creates a positive team by first selecting members based on their areas of skill and expertise, but attention to their style of communication is also warranted. Individuals that typically work alone or tend to be introverted may need additional encouragement to participate. Extroverts may need to be encouraged to listen to others and not dominate the conversation. Teamwork involves teams and work, and group dynamics play an integral role in their function and production.

## Leadership

Whether or not there is a “natural leader,” born with a combination of talents and traits that enable a person to lead others, has been a subject of debate across time. In a modern context, we have come to recognize that leadership comes in many forms and representations. Once it was thought that someone with presence of mind, innate intelligence, and an engaging personality was destined for leadership, but modern research and experience shows us otherwise. Just as a successful heart surgeon has a series of skill sets, so does a dynamic leader. A television producer must both direct and provide space for talent to create, balancing control with confidence and trust. This awareness of various leadership styles serves our discussion as groups and teams often have leaders, and they may not always be the person who holds the title, status, or role.

Leaders take on the role because they are appointed, elected, or emerge into the role. The group members play an important role in this process. An **appointed leader**<sup>34</sup> is designated by an authority to serve in that capacity, irrespective of the thoughts or wishes of the group. They may serve as the leader and accomplish all the designated tasks, but if the group does not accept their role as leader, it can prove to be a challenge. As Bruce Tuckman (1965). Developmental sequence in small groups. *Psychological Bulletin*, 63, 384–399. notes, “storming” occurs as group members come to know each other and communicate more freely, and an appointed leader who lacks the endorsement of the group may experience challenges to his or her authority.

A **democratic leader**<sup>35</sup> is elected or chosen by the group, but may also face serious challenges. If individual group members or constituent groups feel neglected or ignored, they may assert that the democratic leader does not represent their interests. The democratic leader involves the group in the decision-making process, and insures group ownership of the resulting decisions and actions as a result. Open

34. Individual designated by an authority to serve in the leadership capacity.

35. Individual elected by a group to serve as its leader.



and free discussions are representative of this process, and the democratic leader acknowledges this diversity of opinion.

An **emergent leader**<sup>36</sup> contrasts the first two paths to the role by growing into the role, often out of necessity. The appointed leader may know little about the topic or content, and group members will naturally look to the senior member with the most experience for leadership. If the democratic leader fails to bring the group together, or does not represent the whole group, subgroups may form, each with an informal leader serving as spokesperson.

### Types of Leaders

We can see types of leaders in action and draw on common experience for examples. The heart surgeon does not involve everyone democratically, is typically appointed to the role through earned degrees and experience, and resembles a military sergeant more than a politician. The **autocratic leader**<sup>37</sup> is self-directed and often establishes norms and conduct for the group. In some settings we can see that this is quite advantageous, such as open-heart surgery or during a military exercise, but it does not apply equally to all leadership opportunities.

Contrasting the autocrat is the **laissez-faire**<sup>38</sup>, or “live and let live” leader. In a professional setting, such as a university, professors may bristle at the thought of an autocratic leader telling them what to do. They have earned their role through time, effort, and experience and know their job. A wise laissez-faire leader recognizes this aspect of working with professionals and may choose to focus efforts on providing the professors with the tools they need to make a positive impact. Imagine that you are in the role of a television director and you have a vision or idea of what the successful pilot program should look like. The script is set, the lighting correct, and the cameras are in the correct position. You may tell people what to do and where to stand, but you remember that your job is to facilitate the overall process. You work with talent, and creative people are interesting on camera. If you micromanage your actors, they may perform in ways that are not creative and that will not draw audiences. If you let them run wild through improvisation, the program may not go well at all. Balancing the need for control with the need for space is the challenge of the laissez-faire leader.

36. Individual who grows into the leadership role, often out of necessity.

37. Self-directed leader who establishes norms and conduct for the group.

38. Individual who practices a “live and let live” style of leadership.

39. Occurs when the leader has skills that others do not.

Not all leaders are autocrats or laissez-faire leaders. Thomas Harris and John Sherblom Harris, T., & Sherblom, J. (1999). *Small group and team communication*. Boston, MA: Allyn & Bacon. specifically note three leadership styles that characterize the modern business or organization, and reflect our modern economy. We are not born leaders but may become them if the context or environment requires our skill set. A **leader-as-technician**<sup>39</sup> role often occurs

when we have skills that others do not. If you can fix the copy machine at the office, your leadership and ability to get it running again are prized and sought-after skills. You may instruct others on how to load the paper or how to change the toner, and even though your pay grade may not reflect this leadership role, you are looked to by the group as a leader within that context. Because of these technical skills, from Internet technology to facilities maintenance, the leader-as-technician may experience moments where his/her particular area of knowledge is required to solve a problem. This leadership will be in demand.

The **leader-as-conductor**<sup>40</sup> involves a central role of bringing people together for a common goal. In the common analogy, a conductor leads an orchestra and integrates the specialized skills and sounds of the various components the musical group comprises. In the same way, a leader who conducts may set a vision, create benchmarks, and collaborate with a group as they interpret a set script. Whether it is a beautiful movement in music or a group of teams that comes together to address a common challenge, the leader-as-conductor keeps the time and tempo of the group.

Coaches are often discussed in business-related books as models of leadership for good reason. A **leader-as-coach**<sup>41</sup> combines many of the talents and skills we've discussed here, serving as a teacher, motivator, and keeper of the goals of the group. A coach may be autocratic at times, give pointed direction without input from the group, and stand on the sidelines while the players do what they've been trained to do and make the points. The coach may look out for the group and defend it against bad calls, and may motivate players with words of encouragement. We can recognize some of the behaviours of coaches, but what specific traits have a positive influence on the group? Thomas Peters and Nancy Austin Peters, T., & Austin, N. (1985). *A passion for excellence: The leadership difference*. New York, NY: Random House. identify five important traits that produce results:

1. Orientation and education
2. Nurturing and encouragement
3. Assessment and correction
4. Listening and counselling
5. Establishing group emphasis

Coaches are teachers, motivators, and keepers of the goals of the group. There are times when members of the team forget that there is no "I" in the word "team." At such times, coaches serve to redirect the attention and energy of the individuals to the overall goals of the group. They conduct the group with a sense of timing and tempo, and at times, they relax and let the members demonstrate their talents. Through their listening skills and counselling, they come to know each member as

40. Central role of bringing people together for a common goal.

41. Individual serving as a teacher, motivator, and keeper of the goals of the group.

an individual, but keep the team focus for all to see. They set an example. Coaches, however, are human and by definition are not perfect. They can and do prefer some players over others and can display less than professional sideline behaviour when they don't agree with the referee, but the style of leadership is worthy of your consideration in its multidisciplinary approach. Coaches use more than one style of leadership and adapt to the context and environment. A skilled business communicator will recognize that this approach has its merits.

### KEY TAKEAWAY

Teamwork allows individuals to share their talents and energy to accomplish goals. An effective leader facilitates this teamwork process.

### EXERCISES

1. Do you prefer working in a group or team environment, or working individually? What are the advantages and disadvantages of each? Discuss your thoughts with classmates.
2. Imagine that you could choose anyone you wanted to be on a team with you. Who would you choose, and why? Write a two- to three-paragraph description and share it with a classmate.
3. Think of a leader you admire and respect. How did this individual become a leader—for example, by appointment, democratic selection, or emergence? How would you characterize this leader's style—is the leader autocratic or laissez-faire, a technician, or a coach?

## 19.6 Additional Resources

Read about groups and teams on the business Web site 1000 Ventures.

[http://www.1000ventures.com/business\\_guide/crosscuttings/team\\_main.html](http://www.1000ventures.com/business_guide/crosscuttings/team_main.html)

Learn more about Tuckman's linear model. <http://www.infed.org/thinkers/tuckman.htm>

Learn more about Dewey's sequence of group problem solving on this site from Manatee Community College in Florida. <http://faculty.mccfl.edu/frithl/SPC1600/handouts/Dewey.htm>

Read a hands-on article about how to conduct productive meetings.

<http://www.articlesnatch.com/Article/How-To-Conduct-Productive-Meetings-/132050>

Visit this wikiHow site to learn how to use VoIP. <http://www.wikihow.com/Use-VoIP>

Watch a YouTube video on cloud computing. <http://www.youtube.com/watch?v=6PNuQHUiV3Q>

Read about groups and teams, and contribute to a wiki about them, on Wikibooks. [http://en.wikibooks.org/wiki/Managing\\_Groups\\_and\\_Teams](http://en.wikibooks.org/wiki/Managing_Groups_and_Teams)

How did Twitter get started? Find out. <http://twitter.com/about>

Take a (nonscientific) quiz to identify your leadership style.

<http://psychology.about.com/library/quiz/bl-leadershipquiz.htm>