

# Utilities & Community Facilities

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Residents and businesses in the City of Appleton are served by a diverse set of public and private utilities and other service providers. Wisconsin's Smart Growth Law requires that comprehensive plans describe current utilities and public facilities, and provide guidance concerning the future need for new services or the rehabilitation of existing ones. This chapter provides a discussion of a majority of the utilities and public facilities in Appleton, excepting those such as parks and cultural facilities, which are addressed elsewhere in greater detail within the **Comprehensive Plan**.

Appleton's quality of life is enhanced by outstanding and reliable utilities and services. These help to make Appleton a good place for residents and businesses alike. The City will continue to maintain a high standard of service for those utilities, services, and facilities under its direct management, and will work with others to ensure that they are supported in continuing to deliver quality service to their customers.

## Water and Wastewater Utilities

Responsibility for Appleton's water and wastewater systems is split between the Department of Public Works, which maintains the distribution and collections systems, the water utility which operates the water treatment plant and storage facilities, and the wastewater utility which operates the wastewater treatment plant.

### Water Supply and Distribution

Appleton's first public water system was approved in an election held in 1881. This service, designed to provide fire protection and a drinking supply, was originally supplied under contract to private firms. The City of Appleton assumed ownership of the system in the early 1900's. Several improvements were made over the following decades. By the mid-1990's it was apparent that a new treatment facility would be needed. The city made the decision in 1997 to build a new, state-of-the-art facility. Construction of the new Water Treatment Plant at the Manitowoc Road location was completed in July 2001. The 24 million gallon per day (MGD) facility features pretreatment with potassium permanganate and powdered activated carbon, lime softening, granular activated carbon contactors and ultra-filtration membranes. It is currently the largest ultra-filtration membrane surface water supply in the United States.

The water treatment plant serves about 100,000 residents in the City of Appleton and Town of Grand Chute, as well as a part of the Town of Harrison. Service will soon be provided to the Village of Sherwood via a 7.5 mile pipe. Since its construction, the City has noted that the plant's capacity varies seasonally. The filtration membranes do not function as effectively in cold weather, reducing capacity to 18 MGD. The water utility will be making upgrades in 2009, 2012, and 2013 to upgrade the membranes, and improve the intake facility.

Appleton's drinking water is drawn from Lake Winnebago. While generally a good source of drinking water, a 2003 report by the Wisconsin Department of Natural Resources notes that periodic events may result in increased levels of contaminants. This points to the need for watershed management and stormwater management practices to improve water quality.

The water utility maintains six storage facilities with a total capacity of about seven million gallons. These include the Matthias Tower (1.0 million gallons), the Oneida Tower (0.5 million gallons), the North Reservoir (3.2 million gallons), the Linberg Standpipe (1.0 million gallons), and the Ridgeway Tower (0.3 million gallons). These are located in three primary pressure zones supplied by the plant at the 914 foot elevation. The sixth tower is located in a secondary zone at the 1,000 foot elevation, and is supplied from the north reservoir. It has a capacity of 1.0 million gallons. Expansion plans may include replacement of the Oneida Tower with a 1.0 million gallon tank. In addition, future growth north of the city limits or in the Town of Grand Chute may create the need for an additional pressure zone, and the need for a tower near Edgewood Street and Haymeadow Street

The water distribution system is maintained to provide a pressure of 60 psi, and to provide a minimum flow of 3,200 gallons per minute for two hours for fire protection. Most parts of the service area meet these criteria. Some lower pressure areas exist, in part due to transmission problems created by crossings of the Fox River. A new transmission line being planned will alleviate these concerns southwest of the downtown. Another area of concern is in the southeast part of the city, where a fire pumping station is needed to boost pressure at the Southpoint Business Park.



Appleton's water distribution system is more than 100 years old in some areas. This creates problems with maintenance, particularly where mains may be undersized. The City estimates that replacement may cost as much as \$180 million by 2030. Improvements are somewhat dictated by the ability to pay for street reconstruction in conjunction with repairs.

### **Wastewater Collection and Treatment**

Appleton's wastewater treatment plant was first constructed in the 1930's, upgraded in the 1960's, and upgraded most recently in the 1990's. The US Environmental Protection Agency sets standards for removal of bio-solids, ammonia, nitrogen, mercury, phosphorous, and other contaminants. Under new rules, Appleton will need to make significant capital improvements in three to five years. The Wisconsin Department of Natural Resources is considering an effluent trading program that may be an alternative.

The plant has a capacity of 102 million gallons per day, which is adequate to meet the needs of the service territory and accommodate continued growth. Inflow and infiltration are a concern that sometimes causes heavy loads and consumes some of the plant's excess capacity.

About 72,000 people are served by the wastewater collection system. The system boundaries are primarily set by elevation. While the city would prefer that the system operate by gravity, there are currently 14 lift stations. Growth in the northern part of the service territory will result in the need for additional lift stations. These create a continuing maintenance and operational cost.

## **Stormwater Management**

The Fox Cities region was identified in 2002 as subject to the Environmental Protection Agency's (EPA) Stormwater Phase II Final Rule, requiring that the communities listed must not only manage stormwater quantity, but must now manage stormwater quality. Six minimum control measures are included in the rule, including public participation and outreach, public participation/involvement, illicit discharge detection and elimination, construction site runoff control, post-construction runoff control, and pollution prevention/good housekeeping. Outagamie, Calumet, and Winnebago Counties and the municipalities subject to the EPA rule, including Appleton, have partnered to address issues of stormwater quality.

Appleton prepared a Stormwater Management Plan in 2005, and completed an update to the plan in 2008. These plans have prompted the City to enact best practices (such as street sweeping) and to make improvements to existing stormwater management facilities. The city retrofitted stormwater quality measures into a pond located at the northwest corner of Evergreen Drive and Meade Street, constructed a bio-filter for the Pershing Pond, has planned retrofitting the Kensington Pond in 2009. Water quality devices are also being designed in the industrial area on South Island Street scheduled for reconstruction in 2009 and 2010. Designs for the Conkey Pond and the Memorial Park South Pond were contracted with Earth Tech, Inc. Street sweeping efforts were maximized with available staff and equipment. Education efforts were increased with various city departments and the public.

The City has adopted ordinances that require and regulate construction site pollutant control, post-construction stormwater management, and illicit discharge detection and elimination. In addition, the City is preparing a storm sewer system map that will create an inventory of systems within the City.

In order to fund and manage these activities, the City has established a stormwater utility. This is set up as an enterprise fund with a fee based on an equivalent runoff unit (ERU). An ERU is defined as 2,368 square feet of impervious area and represents the runoff impact of an average home. Rates are based on actual results and projected future costs.

## **Electrical Power and Natural Gas Utilities**

WE Energies is a private utility company providing electrical power and natural gas services to Appleton customers. Natural gas was historically purchased through a single supplier (ANR Pipeline), however, Guardian Pipeline has recently constructed a 30-inch pipeline from Ixonia to Green Bay, with two laterals serving the Fox Cities. This system is now looped and is estimated to meet demand for another 20 to 30 years. WE Ener-



gies is planning upgrades to its regulating station on Ballard Road in Appleton, to further improve distribution to local customers.

The electrical power distribution system is comprised of feeders and laterals with loads of 34.5 kV or less. These originate at four substations: a bulk substation on South Oneida Street north of Highway 441; a substation located on Lake Park Road at Highway 441, a substation at French Road and Highway JJ, and the Casaloma substation. American Transmission Company (ATC) provides bulk power to these substations through its distribution network. WE Energies is conducting a review of its 34.5 kV and smaller substations to ensure reliability. Improvements are being made to automate distribution. The company also has an annual program of tree maintenance to eliminate potential conflicts with its distribution system.

Prior to the present economic slowdown, demand for electricity had been growing at 2 to 3 percent annually. We Energies' Power to the Future plan is meant to ensure adequate generating capacity to meet future demand. In addition, the company is planning to meet Wisconsin's renewable standard of ten percent by 2015. This will be accomplished primarily through wind power. Although there are hydroelectric facilities on the Fox River (owned and operated by the City of Kaukauna and by WE Energies) these are not included in the renewable energy goal.

The Outagamie County landfill incorporates a cogeneration system converts methane gas to electricity. The system has the capacity to produce electricity for 3,000 households. Both electricity and waste heat from the cogeneration system are used in the County's solid waste and highway buildings to reduce the energy purchased from utilities. Excess electrical energy that is produced is sold to WE Energies.

WE Energies offers programs to its customers to defray the cost of investing in renewable energy, including wind and solar power systems.

The City of Appleton and WE Energies have partnered to generate electricity, burning methane from the City's wastewater plant to power generators that are connected to the electrical grid.

## Telecommunications

Private companies provide numerous alternatives for conventional, cellular, and VOIP telephone services within the City of Appleton. Internet services are provided to most customers by companies offering dial-up, DSL, or cable services. An increasing number of companies are offering Wi-Fi services that cover the community. Businesses and other data-intensive users have access to T-1 or T-3 services.

Appleton is part of a consortium that will be deploying a regional Wi-Fi network that includes the City of Appleton, City of Neenah, Town of Grand Chute, Outagamie County, Appleton Area School District, Winnebago County and Fox Valley Technical College. The Interactive Network for the Fox Cities (INFOCIS) will start with a 7-mile corridor along College Avenue from Highway 441 to the outer edge of Outagamie County Regional Airport, which is scheduled to come online in 2009. This system is built off a fiber ring that supports several municipalities and agencies in the area.

Article XIII of Appleton's Zoning Ordinance (Sec. 23-420) addresses the siting and design of wireless telecommunication facilities (cell towers). The City's ability to regulate wireless telecommunications facilities is limited by the Telecommunications Act of 1996. The City encourages wireless telecommunications providers to co-locate facilities, and to utilize existing structures such as the City's water towers as an equipment location.

## Police, Fire, and Emergency Services

Police, fire, and emergency services are provided by the City of Appleton. Personnel matters, including hiring, disciplining and terminating sworn staff members, is overseen by the Police and Fire Commission, a non-political body appointed by the Mayor.

### Police Protection

The Appleton Police Department is proud to be one of the first agencies in Wisconsin to become accredited by the Commission on Accreditation for Law Enforcement Agencies (CALEA). The department was first accredited



in 1992 and has periodically been reassessed to maintain its accredited status. To be accredited, a department must meet 444 standards that have been compiled by a board of experts in law enforcement.

The Police Department is presently comprised of a staff of 105 persons, not including administrative staff and community service officers. Positions within the department include:

- one chief of police
- two deputy police chiefs
- four captains
- 16 lieutenants
- six investigators
- one operations coordination specialist
- two evidence officers
- twelve police-school liaison officers
- one drug investigator (meg unit)
- three community resource unit officers
- one resource development unit officer
- 56 police officers, assigned to patrol

There are twelve clerical staff and eight receptionists.

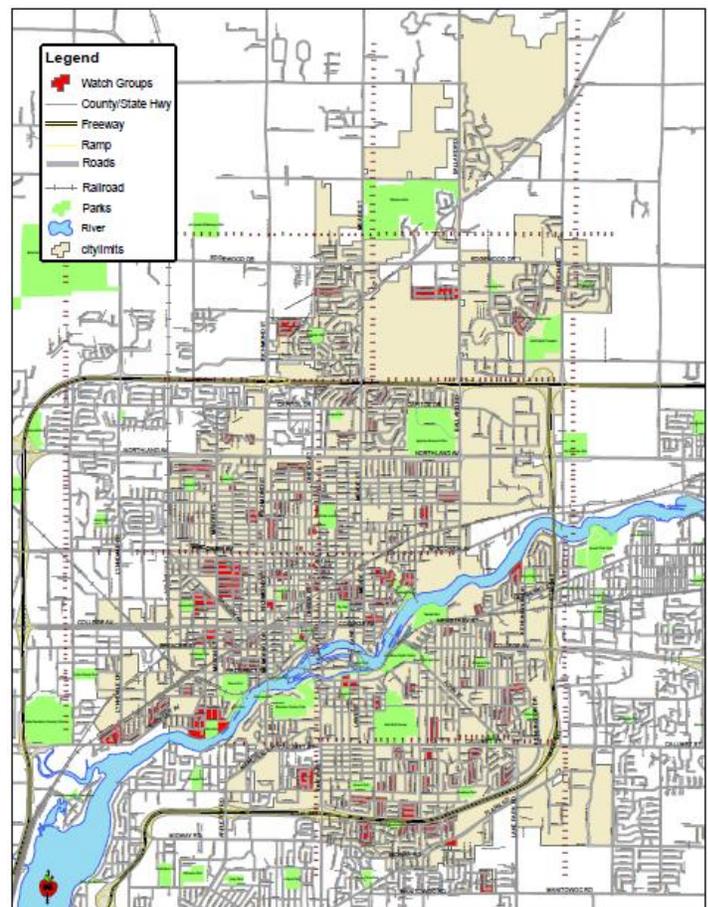
The department is housed in its own facility at 222 South Walnut Street. That facility is undergoing renovation and expansion in 2009.

Appleton has mutual aid agreements in place with most surrounding communities, in addition to participating in several regional policing initiatives. Examples of these include a Metropolitan Drug and Gang Unit. The City and the neighboring Town of Grand Chute are currently studying the feasibility of combining forces to create a single department with jurisdiction over both communities.

Several of the department's programs are targeted toward preventing and abating criminal activity within the City. These include:

- a Crime-Free Housing Program that provides review of proposed commercial, industrial, and multi-family housing development for compliance with the principles of Crime Prevention Through Environmental Design (CPTED). This program also provides financial assistance to improve residential lighting.
- a Neighborhood Watch Program that includes several districts within the community, along with a downtown watch program.
- an Abatement Program that works with landlords to remove tenants who engage in prostitution, drugs, gang activity, or other felonies by providing the ability to serve a 5-day no-

*Neighborhood Watch groups in Appleton*



cure eviction notice.

- a Gang Suppression Unit that collaborates and shares information with other regional law enforcement agencies.
- Educational and crime prevention programs for commercial businesses and banks, including training on responses to a robbery, and security reviews to identify vulnerabilities.

In response to underage drinking and unwanted behavior associated with bars, the department has worked with owners to provide both training and enforcement. Establishments are held accountable through a point system. Multiple violations can result in suspension, leading up to a liquor license revocation. The department conducts an inspection and a “sting” operation at each establishment every year. A Friday and Saturday night downtown foot patrol has been credited with reducing the number of fights and similar incidents.

A Police School Liaison program has been established and includes a total of 35 public and private schools. One officer is assigned to each of the three public high schools. Eight other officers may work with three to six schools each. Typical duties include mentoring at the elementary school level, and dealing with drug issues or sensitive crimes.

### **Fire Protection and Emergency Services**

The City of Appleton operates its own fire department with mutual aid assistance agreements with most of the surrounding municipalities in the Fox River Valley. The department has a staff of 101 persons providing fire prevention and suppression, safety education, emergency medical response, and rescue. The department’s mission states:

*In partnership with the community, the Appleton Fire Department protects and preserves lives and property from the adverse effects of fires and dangerous conditions through prevention, education, rescue and response.*

The department’s fire prevention division conducts commercial and residential inspections, reviews sprinkler and alarm systems, conducts fire protection plan review, and consists of three full-time fire inspectors, a fire protection engineer and a deputy chief.

The operations division provides emergency response to fires, medical situations, hazardous material spills, and rescue operations. In addition, the division offers fire inspections, community fire/safety education, emergency evacuation planning, pre-Incident preparedness, and technical assistance. Special operations provided by the department include first responder emergency medical services, confined space rescue, water and ice rescue, structural collapse, and rope rescue. The department is partnered with several other fire/rescue departments and response teams to make up the Northeast Wisconsin Regional Response Hazardous Materials Team and Wisconsin Task Force 3 - Structural Collapse/Technical Rescue Team.

The department operates from six stations distributed throughout the community. Response times from all locations are considered good, at about four minutes. There is concern, however, related to having a second responding station in the north part of the city. The department is evaluating options for a seventh station or potential relocation of some existing stations. Other options may consider joint operations or a merger with neighboring departments.

## **Municipal Facilities**

Appleton is currently preparing a Facilities Master Plan to guide decisions concerning its 13 primary buildings and four parking structures. In its draft form, this plan has noted several areas of concern:

- The current City Hall is not meeting current needs in a number of regards. City Hall currently occupies the fifth and sixth floors of the City Center, which it owns in a condominium format. This space does not provide the City with an “identity” either from the outside or from the inside, where there is no central reception area. Security is a concern, as the entire facility is accessible. Additionally, there is a need for more space to house City functions.
- The library is in need of additional space, as further identified elsewhere in this chapter.



- Downtown parking is an ongoing concern, as there is a strong demand for long-term parking, which can make it appear as if there is inadequate parking for daily users.
- There are perceptions of safety concerns at Washington Square due to people waiting near the transit center.
- The Fire Department is considering the potential need for an additional fire station. This would trigger the need to identify an appropriate site and to begin the acquisition and development process.

The Facilities Master Plan will be addressing these issues. It is scheduled for adoption in 2009 and will be reviewed annually. The plan will also contain a five-year maintenance plan, and an energy conservation plan designed to reduce energy use by ten percent by 2011.

## County Government Facilities

A majority of Outagamie County's facilities are located in downtown Appleton on south Walnut Street. The administration offices, health and human services, public safety, emergency management, court, and jail are at this location. Findings of a needs analysis conducted by the County include the need for 27,000 square feet of additional space for the courts, district attorney, and health and human services. The County is facing a near-term need for an additional 400 jail cells. Parking needs were recently addressed with the purchase and redevelopment of the former St. Joseph's school as a surface parking lot.

Appleton's Downtown Plan contains specific recommendations related to the county facilities. The plan (Chapter 14 of the **Comprehensive Plan**) suggests that the properties be developed within a campus setting, providing a better relationship to both the downtown and to Jones Park. County facilities should not encroach further into the adjacent residential neighborhood.

## Appleton Public Library

The Appleton Public Library occupies a 85,000 square foot building located in the downtown. The facility was opened in 1981 and was expanded in 1996. It sees heavy use, with a circulation of 1,485,000 items in 2008, and annual circulation growth of about seven percent. There were over 2,000 uses of public meeting rooms in 2008.

Due to this demand and to the desire to provide modern library services (such as additional technology workspaces, drive-through windows, automated sorting facilities, and other amenities) the library commissioned a space needs study in 2008. This study identified the need for a facility with an area of 140,000 square feet. The concept of a main facility with branch locations was rejected as inefficient, although there may be future opportunities to partner with Grand Chute or Greenville. The library is currently studying options (program design and cost analysis) to relocate to another downtown site or to construct an addition to the existing library building.

## K-12 Schools

Appleton is served by the Appleton Area School District and by several private schools offering pre-kindergarten through 12<sup>th</sup>-grade education.

### Appleton Area School District

The Appleton Area School District currently enrolls 15,143 students in 36 schools or academic programs. Enrollment has remained stable over several years, and little overall change is projected. As neighborhoods change, the district may need to consider constructing an additional school or altering the boundaries of existing schools to accommodate increasing enrollment in the northern part of the district. Enrollment at the elementary school level has been increasing, and enrollment at Huntley, Ferber, and Houdini Elementary Schools has been growing the fastest. The district has acquired property adjacent to North High School, on which it could construct an additional elementary school. No other potential new school facility needs have been identi-



fied. The district has also identified a need for additional land between West High School and Mason Street, and has begun acquisition of private properties in that area.

The district maintains a total of 27 schools, an administrative center, and a maintenance facility. Many of the district's schools were constructed decades ago, and the average classroom age is over 50 years. These schools have been maintained and updated as necessary to provide new technology and ADA compliance. A number of expansion projects were completed in the 2005-2006 season.

The student population is predominantly white, and there is little racial variation among the different schools. Minorities make up 18 percent of the student body, with the largest segment made up by Asian/Hmong (11 percent), followed by Latino (5 percent) and African American (3 percent). About one-third of the student population meets criteria to be classified as low income, although this percentage is as high as 70 percent in some schools. English Language Learner (ELL) programs are offered at all levels at North High School, Roosevelt Middle School, and McKinley Elementary School.

Appleton students tend to perform at or above state averages across all grade levels and subjects. At the high school level, Appleton students average a 22.7 score on the ACT exam, which is a required test for admission to many colleges. The statewide average score was 22.2. The district graduation rate is 95.1 percent, which exceeds the state average of 89.6 percent.

The Wisconsin Knowledge and Concepts Exam (WKCE) is given to students in grades 3 through 8 and 10. Student performance on these assessments is reported in proficiency categories (Advanced, Proficient, Basic, and Minimal). Appleton students again score at or above average in terms of the percentage of students scoring proficient or advanced.

**Private Schools**

There are two private high schools located in Appleton. These are Fox Valley Lutheran School and Xavi-

<b>2008-2009 Appleton Area School District Enrollment</b>	
<b>School (Grade levels offered)</b>	<b>Current Enrollment</b>
Badger Elementary (K-6)	305
Berry Elementary (PreK-6)	496
Columbus Elementary (K-6)	184
Edison Elementary (PreK-6)	324
Ferber Elementary (PreK-6)	713
Foster Elementary Charter (PreK-6)	307
Franklin Elementary (K-6)	372
Highlands Elementary (PreK-6)	569
Horizons Elementary (K-6)	430
Houdini Elementary (PreK-6)	632
Huntley Elementary (PreK-6)	612
Jefferson Elementary (PreK-6)	392
Johnston Elementary (PreK-6)	521
Lincoln Elementary (PreK-6)	334
McKinley Elementary (PreK-6)	497
Richmond Elementary (K-6)	282
Classical School (K-8)	442
Odyssey (3-6)	92
Magellan (7-8)	53
Appleton Public Montessori (1-6)	96
Fox River Academy (3-8)	78
Wis. Connections Academy (K-8)	387
Einstein Middle (7-8)	464
Madison Middle (7-8)	704
Roosevelt Middle (7-8)	264
Wilson Middle (7-8)	439
Community Learning Center (7-8)	6
East High (9-12)	1,502
North High (9-12)	1,594
West High (9-12)	1,394
Appleton eSchool (9-12)	15
Central High (9-12)	92
Cooperative Education Center (4-12)	6
Renaissance School for the Arts (9-12)	161
Tesla Engineering Charter (9-12)	95
Valley New School (7-12)	61
<b>AASD TOTAL ENROLLMENT:</b>	<b>15,143</b>

<b>Appleton Area School District – ACT Exam Results</b>					
<b>Subject</b>	<b>East High</b>	<b>North High</b>	<b>West High</b>	<b>District</b>	<b>State</b>
English	21.1	23.1	21.5	22.0	21.5
Math	22.3	23.3	22.8	22.8	22.2
Reading	22.3	23.6	22.8	22.9	22.4
Scientific Reasoning	22.1	23.3	22.2	22.6	22.4
Composite	22.1	23.5	22.5	22.7	22.2



er High School, Appleton Catholic Central Elementary School, Celebration Lutheran School, Creative Child, Grace Christian School, Holy Angels Elementary School, Montessori Adventure Schools, Mount Olive Lutheran School, Riverview Lutheran School, Saint Bernadette, Saint Edward, Saint Joseph Middle School, Saint Matthew Lutheran School, Saint Paul Lutheran School, Saint Peter Lutheran School, Saint Pius X Campus, and Saint Thomas More are the private schools providing pre-kindergarten through middle school education.

The Appleton Catholic Education Educational System (ACES) is the largest private educational provider in the community. It is comprised of six institutions currently serving 869 students in grades Pre-K to 5 at four elementary schools, 380 students in grades 6 to 8 at St. Joseph Middle School, and 516 students at Xavier High School. ACES has recently remodeled several of its schools, including a complete renovation of Xavier High School in 2006.

Several of Appleton's private schools are affiliated with the Lutheran denomination, however, these are not organized as a district, but through individual congregations.

## Higher Education Facilities

Lawrence University is located within Appleton. Concordia University, Marian University, and the Milwaukee School of Engineering have branch campuses in the city, and Fox Valley Technical College is located in the Town of Grand Chute. Other nearby colleges or universities include the University of Wisconsin – Oshkosh, the University of Wisconsin – Fox Valley (Menasha), Northeast Wisconsin Technical College (Green Bay), the University of Wisconsin – Green Bay, Saint Norbert College (De Pere), and Moraine Park Technical College (Fond du Lac).

### Lawrence University

Lawrence University is located in downtown Appleton. Chartered in 1847, Lawrence University is a nationally recognized undergraduate college of the liberal arts and sciences. Lawrence is accredited as a degree-granting institution by the Higher Learning Commission of the North Central Association of Colleges and Secondary Schools. The Conservatory of Music is an accredited institutional member of the National Association of Schools of Music. The University operates on three ten-week terms from late September through mid-June.

Lawrence offer majors in traditional liberal arts disciplines and interdisciplinary programs. There are 44 majors and 34 minors within the bachelor of arts program. The Lawrence Conservatory of Music was established in 1894. The Conservatory offers the Bachelor of Music degree with majors in performance, education, or theory/composition, and the Bachelor of Arts degree with a major in music.

Ranked among the best of the nation's small, private colleges, Lawrence enrolls 1,405 full-time undergraduates from 47 states and more than 50 other countries. The 84-acre campus is comprised of 58 instructional, residential, recreational, and administrative facilities. More than 90 percent of all students live on campus in one of eight residence halls or 17 small houses.

### Fox Valley Technical College

Fox Valley Technical College has campuses in Appleton and Oshkosh, as well as five smaller regional centers in surrounding communities. The Appleton campus is located at 1825 North Bluemound Drive.

Fox Valley Technical College is accredited by The Higher Learning Commission and a member of the North Central Association of Colleges and Schools. The college has been accredited since 1970. It serves a five-county area including Calumet, Outagamie, Waupaca, Waushara, and Winnebago Counties, with a district population of approximately 435,000 people.

The college has 7,100 degree-declared students, serves approximately 1,200 apprenticeship students, and serves an additional 35,000 people taking continuing education courses. About 77 percent of program students attend part-time. Approximately 1,500 students graduate each year.

The college offers programs in over 200 associate degree, technical diploma and certificate programs in fields of study including Agriculture, Horticulture & Natural Resources; Aviation; Business, Management & Finance; Construction; Culinary and Hospitality; Engineering & Electronic Related Technologies; Graphic Arts & Printing



Technologies; Health Science; Human Services; Information Technology; Law Enforcement and Public Safety; Manufacturing; Marketing, Sales, and Service; Transportation; and General and Individualized Studies.

There are eleven unique programs not offered at other Wisconsin technical colleges. These include Agriculture/Outdoor Power Equipment, Aircraft Electronics, Computer Control Engineering Technology, Diesel Equipment Mechanic, Natural Resources Technician, Outdoor Power Equipment Technician, Production Welding, Residential Building Construction, Vehicle Refinishing & Repair Technology, Web Development & Design Specialist, and Wood Manufacturing Technology

The college serves about 1,500 employers with contracted services annually, training over 20,000 employees via contracted training.

## Solid Waste and Recycling

Solid waste collection is provided by the City of Appleton's Public Works Department. The department operates two sites for municipal yard waste, at the municipal services building and north of Valley Transit. Both sites accept grass clippings, brush, yard waste, and motor oil. The municipal service building yard waste site also accepts antifreeze, metal, appliances, concrete, tires, car batteries, and refuse.

Hazardous waste disposal is managed through the Outagamie County "Clean Sweep" Program. Hazardous materials include pesticides, herbicides, rodent baits, acids and alkalines, lead-based paints, computers, batteries and some cleaning materials.

Recyclable items accepted by the City of Appleton include clean newsprint, magazines, books, junk mail, envelopes of all kinds, cardboard, fiberboard, glass bottles and jars, #1 and #2 plastics, metal cans, and aerosol cans (except for those that contain pesticides). Curbside collection is provided on a regular schedule by contracted services hired through Outagamie County.

There are three licensed landfills in Outagamie County, including the County-owned facility and the privately-owned Appleton Coated, LLC landfill and the Thilmany Phase 5 Red Hills landfill. According to the East Central Wisconsin Regional Planning Commission, these and other landfills in the region have sufficient capacity to meet the area's long-term needs. Additionally, Outagamie, Brown, and Winnebago Counties formed a partnership in 2001 to provide a cooperative program of solid waste disposal and material recycling facilities, resulting in greater economies of scale and lower costs.

## Health Care Facilities

There are two primary hospitals located in Appleton. The Appleton Medical Center (1818 North Meade Street) on the City's north side, and St. Elizabeth Hospital (1506 South Oneida Street) just south of the Fox River.

### **Appleton Medical Center**

Appleton Medical Center is part of ThedaCare, created when Appleton Medical Center and Theda Clark Medical Center joined together in 1987. ThedaCare is a community-owned not-for-profit health system comprising Appleton Medical Center, New London Family Medical Center, Riverside Medical Center in Waupaca, Theda Clark Medical Center in Neenah, ThedaCare Physician offices, and other health care services. ThedaCare has over 5,300 employees and \$550 million in revenue.

Appleton Medical Center opened its doors in 1958 after a 12-year fund raising effort. The hospital has approximately 160 beds. Appleton Medical Center is a leader in cardiac, cancer and orthopedic care. It pioneered local treatment of cardiovascular disease in northeastern Wisconsin and initiated the first family fertility program in the area.

### **St. Elizabeth Hospital**

St. Elizabeth Hospital is part of the Affinity Health System, consisting of 23 clinics throughout the region, three hospitals (Calumet Medical Center, St. Elizabeth Hospital, Mercy Medical Center), and Network Health Plan.



Affinity Health System is one of the top 100 integrated healthcare networks in the nation. It was formed in 1995 with the joining of Ministry Health Care and Wheaton Franciscan Healthcare, two Catholic organizations.

St. Elizabeth Hospital traces its roots to 1899, when it was founded by four Catholic sisters from St. Louis. The hospital has since grown to 352 licensed patient beds and more than 420 skilled medical staff. In recent years it has made substantial investments in facilities and equipment such as magnetic resonance imaging (MRI) equipment, the Affinity Breast Center, a new neonatal intensive care unit, and the UW Cancer Centers.

The hospital's location on South Oneida Street has presented some challenges for its operations. Hemmed in by existing neighborhoods, the hospital has found it difficult to expand its facilities and to provide adequate parking and circulation. Access to the location is less than ideal, as Oneida Street is the only arterial street and there are no good east to west connections. The hospital has expressed concern about the impact of future reconstruction of Oneida Street and potential disruptions to both regular and emergency traffic.

The Fox River Corridor Plan (Chapter 13 of the Comprehensive Plan) identifies the potential for redevelopment of the Riverview Country Club property, which is located on the west side of South Oneida Street across from the hospital. If the property were to be made available for development, a portion of this site could be used to meet some of St. Elizabeth's space needs.

### **Additional Services**

Appleton is served by a large number of other health care and related services, both within the City and in surrounding areas. These include several medical clinics and ambulatory care centers, physicians, dentists, physical therapists, and other health care professionals.

## **Child Care Facilities**

Wisconsin began to require licensing of day care centers in 1949. The Wisconsin Department of Children and Families currently lists 42 licensed family day care providers, and 56 group day care providers in the City of Appleton. Licensed family child care providers care for four to eight children. This care is usually in the provider's home. Licensed group child care centers provide care for 9 or more children. These centers are usually located somewhere other than a residence.

## **Cemeteries**

St. Joseph Cemetery, St. Mary Parish Cemetery, Highland Memorial Park, Zion Cemetery, and Riverside Cemetery are the principal active cemeteries located within Appleton.

## **Objectives and Policies**

Appleton will provide excellent public utility and community services at a reasonable cost, and will work with private utility companies to ensure quality service delivery. This will be carried out through the implementation of the following goals, objectives, and policies:

- 7.1 OBJECTIVE: Provide a pattern of development that minimizes impacts to municipal services and utilities.**
  - 7.1.1 Prioritize development and redevelopment that minimizes the need for additional public and private infrastructure such as water storage facilities and sewage lift stations.
  - 7.1.2 Collaborate with other units of government to share utilities, services, and community facilities where appropriate, and where resulting in improved services or lower costs.
  - 7.1.3 Continue to utilize planning tools, such as the Facilities Management Plan and Capital Improvements Plan, to implement improvements.



**7.2 OBJECTIVE: Ensure that municipal services and utilities are delivered in a sustainable manner.**

7.2.1 Prepare a sustainability audit of municipal utilities, services, and facilities to determine where enhancements may be made to embrace the “triple bottom line” of people, planet, and profits.

**7.3 OBJECTIVE: Work with other public private utilities and service providers to assist them, when appropriate to do so, in delivering services to Appleton residents.**

7.3.1 Continue to collaborate with the Appleton School District and private schools on issues such as joint development and use of recreational fields, telecommunications infrastructure, bicycle and pedestrian safety, and similar issues.

7.3.2 Work with the hospitals in the City to address access and expansion issues that may hinder their growth or efficient operation.