Rochester Community and Technical College

Comprehensive Facilities Plan

95% Submittal

February 20, 2023
Letter from LHB

Forthcoming. (100%)
Contents

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Executive Summary
Issues & Opportunities

Demographics & Enrollment
Enrollment at Rochester Community and Technical College (RCTC) is expected to remain relatively flat in the next five years, a trend that many Minnesota State institutions are experiencing along with some institutions seeing enrollment declines. While overall enrollment at RCTC has not experienced significant growth in recent years, seats sold for online asynchronous courses increased by nearly 45% from 2020 to 2021. This is largely due to the global Covid-19 pandemic.

The region surrounding the college are expected to see a slight growth in population over the next thirty years. This trend appears to be tied to the Rochester’s healthcare industry and the focus on Destination Medical Center, an initiative to make the city a global destination for health and healing. This aligns well with healthcare being a major academic focus of RCTC.

Strategic Direction
The college strategic plan was recently updated and outlines four priorities, with each one supported by a committee tasked with carrying out initiatives.

Student Success
Improve student retention and completion by increasing access to learning opportunities, leveraging educational technology, enhancing support services and resources, and strengthening pedagogy and curriculum.

Institutional Sustainability
Ensure the College’s offerings, functions, and processes are sustainable and responsive to the evolving needs of internal and external stakeholders.

Equity and Inclusion
Promote equity and inclusion across the institution by increasing cultural competency, culturally responsive pedagogy and service, and partnering with community organizations.

Campus and Community Engagement
Promote campus and community engagement that fosters collaborative relationships which mutually benefit the College, our students, partnering organizations, and the economic vitality of the region.

Academic Plan
In 2020, the college evaluated the progress on their 2016 Academic plan. Through this initiative Academic Planning was launched in Spring of 2021 with the creation of academic workplans developed within specific pathways and strategies created to improve student success during every phase of the college experience.

Technology Plan
The Master Technology plan for 2021 through 2025 focuses on needs of the users first in order to make informed decisions about technology improvements. Instruction delivery to anyone, anywhere, anytime is the foundation of the plan.

Financial Sustainability
Rochester Community and Technical College is not currently on a financial recovery plan.

Issues & Opportunities

Demographics & Enrollment
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Space Use

Academic space use across the RCTC campus accounts for approximately 28% of all spaces.

Space Utilization

Space utilization in this plan represents the Fall 2021 semester. Some classrooms and labs are either leased to or shared with partner organizations, which affects availability of rooms and utilization for RCTC courses.

Utilization data and recommendations are based on RCTC utilization only per Minnesota State Guidelines. Detailed space utilization information can be found in Section 3 and the Appendix.

<table>
<thead>
<tr>
<th>UTILIZATION</th>
<th>CURRENT</th>
<th>PROPOSED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class</td>
<td>36.2%</td>
<td>37%</td>
</tr>
<tr>
<td>Labs</td>
<td>47.9%</td>
<td>48%</td>
</tr>
<tr>
<td>Total</td>
<td>40.9%</td>
<td>41%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NO OF ROOMS</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Class</td>
<td>65</td>
<td>64</td>
</tr>
<tr>
<td>Labs</td>
<td>44</td>
<td>45</td>
</tr>
<tr>
<td>Total</td>
<td>109</td>
<td>109</td>
</tr>
</tbody>
</table>

The building development projects in Section 5 result in a net zero change in number of rooms used for academic purposes, thus the proposed utilization is a conservative estimate. Updates to classrooms and labs for high demand programs may result in higher utilization rates than noted here.
Consumption Reduction Targets

Energy Use Intensity (EUI), measured in kBtu/SF/year, has continually decreased on campus since 2016. As of 2020 year end, EUI has decreased over 23% in comparison to the baseline.

The energy consumption reduction targets below are based on B3 Benchmarking data targeting a 30% reduction in energy use by 2027 and a 15% reduction in water use by 2025. B3 reports for 2021 year-end can be found in the Appendix.

<table>
<thead>
<tr>
<th>TARGET YEAR</th>
<th>TARGET</th>
<th>% CHANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Energy</td>
<td>2027</td>
<td>51.96</td>
</tr>
<tr>
<td></td>
<td></td>
<td>kBtu/SF</td>
</tr>
<tr>
<td>Water</td>
<td>2025</td>
<td>7,976 kGal</td>
</tr>
</tbody>
</table>

Vision and Goals

The planning process resulted in the following goals and overall vision for the College's comprehensive facilities plan:

Site Related
- Strengthen the “first impression” and create safe connections
- Enhance and embrace natural resources as central to the campus experience
- Promote sustainability

Building Related
- Support Academic Pathways
- Promote Connections outside the classroom
- Improve space utilization
- Expand access to academic support and student services
- Continue to address wayfinding challenges
- Provide areas to foster relationships with academic partners
- Respond to lessons learned from the pandemic
# Proposed Capital Investment

<table>
<thead>
<tr>
<th>PROJECT</th>
<th>INVESTMENT TOTAL ('000's)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Capital Projects</strong></td>
<td></td>
</tr>
<tr>
<td>G1</td>
<td>Renovation to Support Equity in Industry and Public Safety</td>
</tr>
<tr>
<td>G2</td>
<td>Revitalize Science and Technology Hall</td>
</tr>
<tr>
<td>G3</td>
<td>Improve Access to Student Services</td>
</tr>
<tr>
<td>G4</td>
<td>Fine Arts Renovations</td>
</tr>
<tr>
<td>G5</td>
<td>STEM Simulation Center</td>
</tr>
<tr>
<td><strong>Revenue Fund</strong></td>
<td></td>
</tr>
<tr>
<td>None</td>
<td></td>
</tr>
<tr>
<td><strong>HEAPR</strong></td>
<td></td>
</tr>
<tr>
<td>H1</td>
<td>Coffman Hall Roof Replacement</td>
</tr>
<tr>
<td>H2</td>
<td>Main Building PH II Chiller Plant Upgrades and Extension</td>
</tr>
<tr>
<td>H3</td>
<td>Heintz HVAC Improvements Phase III</td>
</tr>
<tr>
<td>H4</td>
<td>Heintz Skylight Replacement</td>
</tr>
<tr>
<td>H5</td>
<td>Heintz Exterior Envelope Repairs</td>
</tr>
<tr>
<td>H6</td>
<td>Main Building Exterior Window and Door Replacement</td>
</tr>
<tr>
<td>H7</td>
<td>Heintz Roof Replacement 1976 Addition</td>
</tr>
<tr>
<td>H8</td>
<td>Heintz Exterior Envelope Repairs</td>
</tr>
<tr>
<td>H9</td>
<td>Regional Sports Center Water Heater Replacement</td>
</tr>
<tr>
<td>H10</td>
<td>Student Services Roof Replacement</td>
</tr>
<tr>
<td>H11</td>
<td>Goddard Library Roof Replacement</td>
</tr>
<tr>
<td>H12</td>
<td>College Center Roof Replacement</td>
</tr>
<tr>
<td><strong>Other</strong></td>
<td></td>
</tr>
<tr>
<td>C1</td>
<td>Student Collaboration Area</td>
</tr>
<tr>
<td>C2</td>
<td>Dental Instruction Lab Expansion</td>
</tr>
<tr>
<td>C3</td>
<td>Student Services Flex Space</td>
</tr>
<tr>
<td>C4</td>
<td>Renovate Former Student Services</td>
</tr>
<tr>
<td>C5</td>
<td>Renovate ST305/309</td>
</tr>
<tr>
<td>C6</td>
<td>Interior Wayfinding and Signage Improvements (Phase 3)</td>
</tr>
<tr>
<td>C7</td>
<td>Additional Testing Rooms</td>
</tr>
<tr>
<td>C8</td>
<td>East Hall Student Resources &amp; PTECH</td>
</tr>
<tr>
<td>C9</td>
<td>Learning Commons</td>
</tr>
<tr>
<td>C10</td>
<td>College Center Renovations</td>
</tr>
<tr>
<td>C11</td>
<td>Fieldhouse Floor Replacement</td>
</tr>
<tr>
<td>C12</td>
<td>Reuse Former Bookstore Space</td>
</tr>
<tr>
<td>PROJECT</td>
<td>INVESTMENT TOTAL ('000'S)</td>
</tr>
<tr>
<td>---------</td>
<td>--------------------------</td>
</tr>
<tr>
<td><strong>Site Development</strong></td>
<td></td>
</tr>
<tr>
<td>S1 College Parkway Pedestrian Safety Improvements</td>
<td>$705</td>
</tr>
<tr>
<td>S2 Pedestrian Comfort and Safety Projects</td>
<td>$232</td>
</tr>
<tr>
<td>S3 Regional Sports Center Site Improvements Phase 1</td>
<td>$1,586</td>
</tr>
<tr>
<td>S4 Heintz/CTECH Circulation Improvements</td>
<td>$600</td>
</tr>
<tr>
<td>S5 Wayfinding and Circulation Improvements</td>
<td>$916</td>
</tr>
<tr>
<td>S6 Sustainability Studies</td>
<td>$250</td>
</tr>
<tr>
<td>S7 Campus Entry Improvements</td>
<td>$85</td>
</tr>
<tr>
<td>S8 Regional Sports Center Site Improvements Phase 2</td>
<td>$3,250</td>
</tr>
<tr>
<td>S9 Lighting and Wi-Fi</td>
<td>$1,105</td>
</tr>
<tr>
<td>S10 Wooded Area</td>
<td>$260</td>
</tr>
<tr>
<td>S11 ADA Improvements</td>
<td>$600</td>
</tr>
<tr>
<td>S12 East Parking Lot Improvements and Pedestrian Connections</td>
<td>$1,000</td>
</tr>
<tr>
<td>S13 West Parking Lot Improvements and Pedestrian Connections</td>
<td>$350</td>
</tr>
<tr>
<td>S14 Outdoor Gathering and Educational Areas</td>
<td>$800</td>
</tr>
</tbody>
</table>
1: Campus Profile
1.1 History & Characteristics

Campus History

Rochester Community and Technical College (RCTC) is the oldest public two-year college in Minnesota. The junior college was created on a motion by Dr. Charles Mayo in 1915 and classes were offered downtown in the Coffman Building. The College moved to its current campus during the summer of 1968. A year later the vocational-technical institute was created with 15 program offerings. Rochester Community and Technical College was established on July 1, 1996 when legislation required state community colleges and technical colleges co-located in the same city be merged into a consolidated institution.

Main Building

Four buildings were ready for use when the college made its 1968 move to the forested hillside about a mile east of the city. The structures included Goddard Library and classroom buildings; Endicott Hall for technology and business classes; the Charles Singley building, housing all chemistry, biology, and physics labs, as well as lecture halls; and the Administration building, which then held administrative offices and the college bookstore. The next additions to the campus were Rockenbach, a gymnasium/physical education complex, and Plaza West.

The campus continued to grow with three more additions marking the next phase of construction. A student services building housing the administrative offices, the counseling center, and a health service area was first. The art building came next, representing one of the most outstanding studio facilities of its kind in the upper Midwest; an immense north window in the structure provides proper lighting to three floors of studios. The Plaza East building completed this segment of construction. It provides a versatile nursing lab and staff offices. The next two major projects were the College Center and theater. As the student union, the Center is aptly named, since it is at the center of students’ lives here. The college theater, at the time of construction, was one of the finest such facilities in southeastern Minnesota. It seats 350 persons and had, for its time, advanced electronic and sound systems, as well as a complete scene-making shop and dressing rooms. In 1987, it was named Hill Theater in honor of retired RCC President Charles E. Hill, who served the college from 1953 to 1982.

A classroom building opened on the campus in the fall of 1986 to initially house the Rochester Center of Winona State University at a cost of $2.9 million. The Plaza West building was renamed Memorial Hall in 1988. Plaques and portraits are placed in this building to honor former college staff. The campus further evolved in late 1989 with the completion of a $16 million construction project. The project included remodeling of the library, the administrative building, and the lower level of the Goddard Building, which housed the business office, bookstore, Student Support Services Program, and the duplicating services area. New construction included a continuing education area featuring spacious conference rooms and state-of-the-art equipment, and a separate building to house the childcare center. Construction was completed in 1993 on the $17 million expansion facilities, which houses student services areas, classrooms, computer and science labs, as well as a number of interactive television classrooms.

With the completion of the new facilities, the University of Minnesota Rochester joined RCTC and WSU Rochester in a single physical location. The University of Minnesota later relocated to its own downtown facility in the fall of 2007.

The Rochester Sports Center facility (a collaborative effort between RCTC and the City of Rochester) was opened in May of 2002, and the Technology Center remodeling was also completed in 2002. In 2007, the former Rockenbach Gymnasium was renovated into the Health Science Center, a state-of-the-art facility housing the allied health programs for both RCTC and WSU-R. The Rochester Regional Stadium includes an artificial turf winter domed facility making it available for use year-round. The Stadium originally opened in 2008 but was expanded in
2015 to include additional seating to accommodate up to 5,000 spectators.

In May 2018, the Minnesota Legislature approved a bonding bill that included $23 million for the Plaza-Memorial Hall project. This project included demolishing the old Plaza and Memorial Halls, constructing a new building attached to Endicott Hall and Coffman Center, and renovating numerous Main Campus spaces. The project began in December of 2018 and was completed in August 2020.

Fall 2021 brought a new partnership and 70 new high school students to the RCTC campus through the PTECH-535 collaboration. PTECH is an education to career pathway program for high school students focusing on in-demand fields. Students enrolled in PTECH-535 will earn high school and college credits, and will graduate with a college degree in either Information Technology or Practical Nursing. The RPS/RCTC PTECH school is the first one in Minnesota.

**Heintz Center**

The former Minnesota Riverland Technical College-Rochester Campus facility was dedicated as Heintz Center on May 9, 1997. The building was named after Dr. Emil Heintz, founder and first Director of Rochester Area Vocational Technical Institute. Dr. Heintz served as Director from 1966 to 1973. Dr. Heintz had served as Dean (CEO) of Brainerd Junior College from 1938 to 1944 and Dean of Rochester Junior College from 1944 until 1966.

The original buildings located at the Heintz Center were completed in 1969. Additions were made in 1976, 1978, and 1979, which doubled the size of the cafeteria, added classrooms, and expanded shops for the technical programs. The Horticulture Technology Center was added to the existing buildings in 2002 to provide academic and community resources in a horticulture facility. Intercampus roads were also completed in 2002, connecting RCTC east buildings (Main Building) and RCTC west buildings (the Heintz Center), and included the first roundabouts in Minnesota. The Heintz Center underwent additional expansion with the Workforce Center/CareerForce addition which opened in the Fall of 2014, and the CTECH/STEM Village building, also funded through local sales tax funding, opened in August of 2016.

**Timeline**

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1915</td>
<td>Dr. Charles Mayo makes motion to create the college. Classes begin with 17 students and four faculty in the Coffman Building in September.</td>
</tr>
<tr>
<td>1922</td>
<td>Men’s Athletics introduced</td>
</tr>
<tr>
<td>1923</td>
<td>First Associate of Arts degree offered</td>
</tr>
<tr>
<td>1927</td>
<td>First Medical Secretary program in the nation</td>
</tr>
<tr>
<td>1942</td>
<td>Evening College introduced</td>
</tr>
<tr>
<td>1958</td>
<td>Enrollment tops 500</td>
</tr>
<tr>
<td>1964</td>
<td>Enrollment tops 1,000</td>
</tr>
<tr>
<td>1967</td>
<td>Enrollment tops 2,000</td>
</tr>
<tr>
<td>1968</td>
<td>New campus opens and Nursing Program begins</td>
</tr>
<tr>
<td>1969</td>
<td>Rochester Area Vocational Institute opens with 14 courses</td>
</tr>
<tr>
<td>1975</td>
<td>Women’s Athletics introduced</td>
</tr>
<tr>
<td>1993</td>
<td>UCR facility opens</td>
</tr>
<tr>
<td>1996</td>
<td>RCC and MN Riverland Technical College - Rochester Campus merge to create Rochester Community and Technical College</td>
</tr>
<tr>
<td>1998</td>
<td>Enrollment tops 4,000</td>
</tr>
<tr>
<td>2000</td>
<td>Yellowjackets win NJCAA Division III Football Championship</td>
</tr>
<tr>
<td>2002</td>
<td>Regional Sports Center, TELEPro, and new campus roads open</td>
</tr>
<tr>
<td>2003</td>
<td>Horticulture Technology Center opens</td>
</tr>
<tr>
<td>2007</td>
<td>Health Science Center opens</td>
</tr>
<tr>
<td>2008</td>
<td>Regional Sports Stadium opens</td>
</tr>
<tr>
<td>2009</td>
<td>Yellowjackets win NJCAA Division III Women’s Basketball Championship</td>
</tr>
<tr>
<td>2014</td>
<td>WorkForce Education Center addition to Heintz Center</td>
</tr>
<tr>
<td>2016</td>
<td>CTECH Building opens</td>
</tr>
<tr>
<td>2020</td>
<td>Plaza Hall and old Memorial Hall demolished. New Memorial Hall addition opens.</td>
</tr>
</tbody>
</table>
Prior Comprehensive Facilities Plans

Rochester Community and Technical College has been diligent in updates to its Comprehensive Facilities Plans. Past plans include:

- 2005 Master Facilities Plan, HGA
- 2012, Master Facilities Plan, Yaggy Colby Associates, CRW, and RDG. This plan proposed several projects that were completed (Workforce addition to Heintz, CTECH, and Stadium Improvements).
- 2018, Comprehensive Facilities Plan, LHB. The plan included the Memorial & Plaza Halls Demolition, Addition and Renovation project. Other projects included the Heintz Center B-Wing renovation (currently seeking funding), Center for Student Success and Teaching Excellence, Student Services Renovations (partially completed), a Theater and Art Hall Renovation, and Student Union.

Role of Campus Within Minnesota State

Rochester Community and Technical College is a member of the Minnesota State system, which is comprised of 26 community colleges and seven state universities serving the higher education needs of Minnesota and is governed by a Board of Trustees. Minnesota State (an agency of the state of Minnesota) is dedicated to providing students with a wide array of opportunities for lifelong education in both technical and academic fields, ranging from short-course certificates to doctoral degrees. Minnesota State’s 54 campuses in 47 communities throughout the state offer tremendous opportunities for students to achieve their goals.

Important Physical Characteristics

The campus is two miles east of downtown Rochester and is zoned as a Mixed Redevelopment District – Education and Public Service Campus. Mixed Single Family (R1) and Medium Density Residential (R3) surrounds the college to the west, south, and east.

Overall the campus is comprised of a sports complex to the north including baseball fields and the Rochester Regional Stadium, the Main Building and Regional Sports Center to the southeast and Heintz Center to the northwest. College Drive Southeast bisects campus with wetlands and other natural or undeveloped areas to the east, west, and south.

Trends Driving Academic Programs

The continued increase in employment demand in the healthcare industry has driven the college to review specific high demand, high wage occupations to inform their academic program planning.

Five of the eight occupations the college is tracking relate to the healthcare industry. The other three are Computer User Support Specialists, Dental Assistants and Heating, Air Conditioning, and Refrigeration Mechanics and Installers.

Emergency Medical Technicians and Paramedics and Dental Assistants have an expected growth rate of over 7%, indicating that these programs could be a growth area for enrollment.
1.2 Demographics: Regional

Minnesota State Campus Locations

[Map of Minnesota State University locations, including various campuses and colleges across the state.]

MINNESOTA STATE UNIVERSITIES

MINNESOTA STATE COLLEGES
Proximity to Nearest Minnesota State Institutions

<table>
<thead>
<tr>
<th>CAMPUS</th>
<th>CITY</th>
<th>DISTANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Winona State University</td>
<td>Winona</td>
<td>43 mi / 53 min</td>
</tr>
<tr>
<td>Minnesota State College Southeast Winona</td>
<td>Winona</td>
<td>47 mi / 48 min</td>
</tr>
<tr>
<td>Minnesota State College Southeast Red Wing</td>
<td>Red Wing</td>
<td>47 mi / 53 min</td>
</tr>
<tr>
<td>South Central College Faribault</td>
<td>Faribault</td>
<td>61 mi / 64 min</td>
</tr>
<tr>
<td>Riverland Community College Owatonna</td>
<td>Owatonna</td>
<td>47 mi / 51 min</td>
</tr>
<tr>
<td>Riverland Community College Albert Lea</td>
<td>Albert Lea</td>
<td>64 mi / 64 min</td>
</tr>
<tr>
<td>Riverland Community College Austin</td>
<td>Austin</td>
<td>44 mi / 46 min</td>
</tr>
</tbody>
</table>

Campus Location and Nearest Higher Education Institutions; Aerial Source: Google Earth
Regional Population Analysis

As indicated by government data accessed in March 2022, the population for age range 0 to 64 is projected to rise slightly between 2023 and 2043, then remain relatively flat through 2053.

In addition to the Destination Medical Center project, the eight counties of Dodge, Fillmore, Freeborn, Goodhue, Houston, Mower, Olmsted, Steele, Wabasha, and Winona have come together to create an expanded and diverse regional talent database. The Journey to Growth initiative strives to develop the regional economy beyond healthcare, and focuses on other growth sectors. More information about Journey to Growth can be found on their facebook page: https://www.facebook.com/j2gmn/about/?ref=page_internal.

Growing Industries

Healthcare, Technical, Personal Care, Food Preparation, Construction, and Healthcare support are expected to see the most new growth in relation to the number of new jobs.

Unemployment

Unemployment in the Rochester area and overall in Economic Development Region 10 has continued to report lower unemployment rates as compared to Minnesota overall. 2020 experienced a significant jump in unemployment to 5% during the start of the pandemic.

Employment Projections

EDR10 is expected to add over 11,500 jobs between 2018 and 2028, an increase of 4.2%. 122,755 replacement jobs are expected to be available due to retirements in the region. While Healthcare Practitioners & Technical will experience the most growth in new jobs, Food Preparation & Serving Related will have the most replacement jobs openings. Note that this data predates the global pandemic which has resulted in unprecedented changes in the economy and workforce trends since the information was published.

Economic Indicators

Local Initiatives

The City of Rochester and the regional economy is heavily influenced by the health and well-being of the Mayo Clinic, with its home located in downtown Rochester. A world-renowned provider of healthcare services, the Mayo Clinic has embarked on a 20 year economic development initiative. This nearly $5.6 billion project, called Destination Medical Center (DMC), "represents the largest economic development initiative in Minnesota. The combined synergies of private investment, city, and state investment is anticipated to add more than 30,000 jobs to the local economy over the 20 year initiative. More information about Destination Medical Center is located at http://dmcmn.org.
### Occupational Employment Trends

<table>
<thead>
<tr>
<th>INDUSTRY</th>
<th>REGION 10</th>
<th>STATEWIDE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ESTIMATED</td>
<td>SHARE</td>
</tr>
<tr>
<td></td>
<td>REGIONAL</td>
<td>OF TOTAL</td>
</tr>
<tr>
<td></td>
<td>EMPLOYMENT</td>
<td>EMPLOYMENT</td>
</tr>
<tr>
<td>Total, All Occupations</td>
<td>231,950</td>
<td>100.00%</td>
</tr>
<tr>
<td>Healthcare Practitioners &amp; Technical</td>
<td>33,220</td>
<td>14.30%</td>
</tr>
<tr>
<td>Office &amp; Administrative Support</td>
<td>24,450</td>
<td>10.50%</td>
</tr>
<tr>
<td>Production</td>
<td>23,850</td>
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</tr>
<tr>
<td>Sales &amp; Related</td>
<td>20,270</td>
<td>8.70%</td>
</tr>
<tr>
<td>Food Preparation &amp; Serving Related</td>
<td>17,370</td>
<td>7.50%</td>
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<tr>
<td>Transportation &amp; Material Moving</td>
<td>16,980</td>
<td>7.30%</td>
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<tr>
<td>Healthcare Support</td>
<td>15,580</td>
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<tr>
<td>Education, Training &amp; Library</td>
<td>13,240</td>
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<tr>
<td>Management</td>
<td>10,040</td>
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<tr>
<td>Business &amp; Financial Operations</td>
<td>9,040</td>
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<tr>
<td>Construction &amp; Extraction</td>
<td>8,730</td>
<td>3.80%</td>
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<tr>
<td>Installation, Maintenance &amp; Repair</td>
<td>8,370</td>
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<td>Building, Grounds Cleaning &amp; Maint.</td>
<td>7,320</td>
<td>3.20%</td>
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<tr>
<td>Computer &amp; Mathematical</td>
<td>4,370</td>
<td>1.90%</td>
</tr>
<tr>
<td>Personal Care &amp; Service</td>
<td>4,440</td>
<td>1.90%</td>
</tr>
<tr>
<td>Community &amp; Social Service</td>
<td>4,230</td>
<td>1.80%</td>
</tr>
<tr>
<td>Protective Service</td>
<td>3,250</td>
<td>1.40%</td>
</tr>
<tr>
<td>Architecture &amp; Engineering</td>
<td>2,590</td>
<td>1.10%</td>
</tr>
<tr>
<td>Arts, Design, Entertainment &amp; Media</td>
<td>2,060</td>
<td>0.90%</td>
</tr>
<tr>
<td>Life, Physical &amp; Social Science</td>
<td>1,360</td>
<td>0.60%</td>
</tr>
<tr>
<td>Legal</td>
<td>840</td>
<td>0.40%</td>
</tr>
<tr>
<td>Farming, Fishing &amp; Forestry</td>
<td>370</td>
<td>0.20%</td>
</tr>
</tbody>
</table>

Source: DEED ECONOMIC DEVELOPMENT REGION 10: Southeast 2021 Regional Profile

There is a concentration of healthcare industry positions for in demand jobs requiring vocational training, or an associates degree or higher in this region. Other in demand jobs are in software and web development, and mechanics for the automotive, farm, and outdoor equipment industries.
## High Demand & High Wage Occupations and Labor Market Openings

<table>
<thead>
<tr>
<th>SOC TITLE</th>
<th>DEMAND RANK</th>
<th>DEMAND INDICATOR</th>
<th>MEDIAN WAGE / YR</th>
<th>MN PROJECTED GROWTH RATE</th>
<th>EDUCATION REQUIREMENTS</th>
<th>ON-THE-JOB TRAINING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nursing Assistants</td>
<td>5</td>
<td>5 stars</td>
<td>$39,199</td>
<td>3.60%</td>
<td>Postsecondary</td>
<td>Short term on the job training</td>
</tr>
<tr>
<td>Licensed Practical and Licensed Vocational Nurses</td>
<td>13</td>
<td>5 stars</td>
<td>$49,697</td>
<td>6.60%</td>
<td>Postsecondary</td>
<td>Short term on the job training</td>
</tr>
<tr>
<td>Computer User Support Specialists</td>
<td>38</td>
<td>5 stars</td>
<td>$59,611</td>
<td>5.30%</td>
<td>Postsecondary</td>
<td>Short term on the job training</td>
</tr>
<tr>
<td>Heating, Air Conditioning, and Refrigeration Mechanics and Installers</td>
<td>124</td>
<td>4 stars</td>
<td>$63,422</td>
<td>3.20%</td>
<td>Postsecondary</td>
<td>Unavailable</td>
</tr>
<tr>
<td>Emergency Medical Technicians and Paramedics</td>
<td>128</td>
<td>4 stars</td>
<td>$50,049</td>
<td>7.40%</td>
<td>Postsecondary</td>
<td>Unavailable</td>
</tr>
<tr>
<td>Dental Assistants</td>
<td>130</td>
<td>4 stars</td>
<td>$53,079</td>
<td>7.20%</td>
<td>Postsecondary</td>
<td>Short term on the job training</td>
</tr>
<tr>
<td>Medical Dosimetrists, Medical Records Specialists, and Health Technologists and Technicians, All Other</td>
<td>140</td>
<td>4 stars</td>
<td>$76,035</td>
<td>4.60%</td>
<td>Postsecondary</td>
<td>Unavailable</td>
</tr>
<tr>
<td>Health Information Technologists, Medical Registrars, Surgical Assistants, and Healthcare Practitioners and Technical Workers, All Other</td>
<td>279</td>
<td>4 stars</td>
<td>$96,116</td>
<td>6.70%</td>
<td>Postsecondary</td>
<td>Unavailable</td>
</tr>
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</table>

Source: DEED Occupations in Demand Data Tool; Statewide January 2022

<table>
<thead>
<tr>
<th>SOC TITLE</th>
<th>MEDIAN WAGE / HR</th>
<th>MN PROJECTED GROWTH RATE</th>
<th>LABOR MARKET OPENINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer and Information Systems Managers</td>
<td>$75.20</td>
<td>8.3%</td>
<td>1,860</td>
</tr>
<tr>
<td>Computer and Information Research Scientists</td>
<td>$65.04</td>
<td>31.1%</td>
<td>47</td>
</tr>
<tr>
<td>Computer Systems Analysts</td>
<td>$49.85</td>
<td>5.6%</td>
<td>3,782</td>
</tr>
<tr>
<td>Database Administrator</td>
<td>#N/A</td>
<td>8.3%</td>
<td>697</td>
</tr>
<tr>
<td>Network and Computer Systems Administrator</td>
<td>$43.01</td>
<td>3.1%</td>
<td>1,094</td>
</tr>
<tr>
<td>Computer Network Architects</td>
<td>$53.88</td>
<td>2.8%</td>
<td>377</td>
</tr>
<tr>
<td>Computer User Support Specialists</td>
<td>$28.66</td>
<td>5.3%</td>
<td>2,403</td>
</tr>
<tr>
<td>Computer Occupations, All other</td>
<td>$40.08</td>
<td>7.5%</td>
<td>1,103</td>
</tr>
</tbody>
</table>
1.3 Demographics: Campus

Enrollment & Headcount

Headcount and FYE have experienced a slight decline for the past five years. Since the pandemic, Online FYE has increased, but is projected to level out over the next five years.

Online Enrollment

Seats sold for online asynchronous courses increased by nearly 45% from 2020 to 2021. If current trends continue, roughly 70% of seats sold may include an online component, and roughly half of seats sold may require in-person classroom instruction. Approximately 50% of seats sold are anticipated to be online only.

Source: 2022 Campus data

Source: 2022 Campus Course Sections by Modality data
Current Academic Program Areas by Enrollment

Over the past five years the top 10 academic programs by FYE have accounted for roughly 42% of overall FYE.

Student Demographics

Student Demographics are based on information accessed on the college website in August 2022.

Faculty & Staff Demographics

Faculty and staff demographics are based on data collected by Minnesota State from 2014 through 2019. Data for Female, 61+, and people of color were included in the data set. The remainder of the data has been inferred based on the available information.
1.4 Academic Goals

Campus Mission, Vision and Values

Mission
Rochester Community and Technical College provides accessible, affordable, quality learning opportunities to serve a diverse and growing community.

Vision
Rochester Community and Technical College will be a universal gateway to world class learning opportunities.

Value Proposition
Improving Student Lives

College Values and Service Attributes
- Learner-Centered: Be approachable and attentive to students’ and others’ needs
- Excellence: Anticipate, create and recognize engaging experiences
- Respect: Demonstrate understanding and sensitivity when serving
- Teamwork: Collaborate and engage each other to better serve
- Innovation: Explore, empower and implement creative ideas to better serve
- Fun: Foster a pleasant, personable and enjoyable environment

Core Outcomes
- Communication: Students will communicate appropriately for their respective audiences.
- Critical Thinking: Student will think systematically and explore information thoroughly before accepting or formulating a position or conclusion.
- Personal and Professional Accountability: Student will take responsibility as active learners for achieving their educational and personal goals.
- Global Awareness and Diversity: Students will demonstrate an understanding of and respect for human diversity through their words and actions.

Academic Framework
Rochester Community and Technical College is accredited by the Higher Learning Commission (HLC). The HLC ensures that the college meets all criteria for accreditation and participates in continuous quality improvement, including a focus on teaching and assessment of student learning. The most recent comprehensive evaluation was completed in January 2021 and the next is scheduled for 2026.

The College offers over 60 credit-based programs, 25 certificates plus customized training in the areas of liberal arts, allied health, business, services, and technical career pathways. A variety of delivery approaches are utilized to support student learning. These include in-person, online, and hybrid.

In addition, students wishing to finish a four-year degree can take their first two years at Rochester Community and Technical College, earning an associate degree, and then transfer to finish a bachelor’s degree. The College has teamed up with Winona State University Rochester to establish the “Path to Purple” program that allows students to complete their first two years at RCTC to earn an associates degree and then complete their last two years at WSU to attain a bachelor’s degree.

In addition to its educational programming, RCTC offers a comprehensive student life program. These opportunities include social activities, speakers, varsity athletics, intramural sports, honor societies and music, to name a few.

Academic Plan
A comprehensive Academic Master Plan was completed in 2016 which included an environmental scan of labor market data as well as internal and external factors that impacted academic program prioritization. Priorities were identified in each of the academic divisions including Career and Technical, Health Professions and Transfer. Academic priorities included programming within computer science, nursing and allied health, transfer pathways and trade programs.
In 2020, Academic Affairs evaluated progress on the 2016 plan which informed the next planning cycle, aligning with the college strategic planning priorities of student success. With the strong labor market and workforce shortage, it was becoming increasingly difficult to retain students through to completion. Evaluating data on student success patterns, the college adopted a Guided Learning Pathway framework based on well-established national best practices. The framework focuses on improving the student experience from pre-entry to completion.

- Clarify paths to student end goals
- Help students choose and enter a pathway
- Help students stay on the path
- Ensure that students are learning

Academic Planning was launched in Spring of 2021 with the creation of academic workplans developed within specific pathways and strategies created to improve student success during every phase of the college experience. Improving the student experience and success throughout their journey would lead to improved retention and ultimately increased enrollment.

Master Academic Plan Divisions

The Master Academic Plan (MAP) consists of five divisions which include Liberal Arts & General Education, Sciences & Health Professions, Career and Technical Education & Business Partnerships, Academic Effectiveness and Innovation, and Student Support Services

Within each of these divisions, goals that affect the facilities plan include:

- Collect data for classroom learning environment needs
- Collaborate with IT to determine program technology needs
- Plan for innovative initiatives and equipment in the sciences and health professions
- Expand smart classrooms
- Upgrade labs
- Expand simulation options
- Expand and centralize technical program labs
- Construct a simulation house for the law enforcement skills training program
- Redesign the Comprehensive Learning Center with input from faculty and staff

Strategic Plan

The college strategic plan was recently updated and outlines four priorities:

- Student Success
- Institutional Sustainability
- Equity and Inclusion
- Campus and Community Engagement

Strategic committees were established to carry out specific initiatives within each priority. The Student Success Committee created a Guided Learning Pathway plan to prioritize efforts to improve the student experience and student success. The seven priorities encompass specific actions across all college divisions.

The Institutional Effectiveness committee is charged with strategic plan alignment across all college divisions to include a planning and review process for all academic and service units. An Academic and Service Program Review process was launched in spring of 2021 that provided a framework for these units to complete a review of the respective area and complete workplans for continuous improvement that focuses on strategic versus operational improvement goals.

The Equity and Inclusion Committee leads college priorities to carry out the Minnesota State Equity 2030 goal. The committee is responsible for coordinating diversity-oriented programs and initiatives including the development and implementation of the Equity, Inclusion and Diversity Strategic Plan, and aligning those strategies with the College’s Strategic Plan and Minnesota State’s Equity 2030. It also recommends policies and guidelines related to increasing academic success for underrepresented students and eliminating success gaps, creating, and maintaining a welcoming climate, building a diverse workforce and student body, and incorporating equity by design principles in curricular and co-curricular activities.

Finally, Campus and Community Engagement promotes campus and community engagement that fosters
collaborative relationships which mutually benefit the College, our students, partnering organizations and the economic vitality of the region.

Academic Program Planning

Building on the 2016-2020 academic plan, the college reviews labor market data to identify occupational market demand for current programs as well as high demand, high wage occupations that are currently not being served by the college. High demand & high wage occupation statistics can be found in Section 1.2.

Health Professions

Many of the high wage, high demand occupations are within the health professions field. With the continued expansion of the community’s Destination Medical Center goals and objectives, the college will need to continuously update and expand offerings in a manner that is fiscally responsible. Infrastructure and clinical capacities limit the expansion in many of the programs and will require expanding the use of technology, examining unique delivery options, and expanding partnerships with the healthcare community.

This includes the need to expand smart classrooms, maintain and upgrade lab equipment and facilities, and expand simulation options. Supporting these efforts through leveraged partnerships and identifying alternative resources is a priority in order to meet the strategic goals of the division and programs, and to meet the needs of the community.

While the occupational demand in some health-related fields continues to grow, enrollment patterns have weakened in recent years. High demand for nursing assistants has led to changing education requirements and alternatives to certification requirements. This has resulted in declining enrollment in credit-based offerings and growth in short-term, industry collaborations for non-credit offerings.

The college will continue to have demand in the nursing assistant program due to the pre-requisite requirement for the nursing pathway.

Demand for Surgical Technologists continues to grow; however, the enrollment trend has declined over the past several years. The college continues to work closely with industry partners to identify strategies to recruit students to serve this need. The program relies heavily on clinical experiences that have been met by local partners that will not require facility needs in the near future.

Trades and Technology

In addition to the programs directly related to allied health occupations, continued infrastructure growth and technology advances in the Rochester community continue to create demand for occupations in construction, building maintenance and information technology. The college has served these industry needs for many years and continues to collaborate with business partners to recruit and develop a highly skilled workforce.

Programs that serve the trades industry struggled with enrollment during the height of the pandemic. Students struggled in a virtual learning environment and delayed plans for post-secondary education. Several of these programs are experiencing a shift in enrollment and will require program revisions and flexible delivery options to serve the needs of a changing student body and the high workforce demand. This will require simulated experiences, focused programming, and work and learn delivery.

The City of Rochester recently received a grant from the Bloomberg foundation to increase the number of BIPOC students that enter the construction industry. The grant will provide scholarships for enrollment in the carpentry and facility and service technician programs.

Computer Science and Information Technology

In addition to healthcare, there is high employment demand projections in computer science and information technology occupations. As shown in Section 1.2, the Minnesota Department of Employment and Economic Development (DEED) reports thousands of projected job vacancies in areas such as networking, computer support specialists, computer systems analysts, and more.
### Programs with Enrollment Growth Opportunities

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dental Assistant</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
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<td>51</td>
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<tr>
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<td>20</td>
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<tr>
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<td>182.2</td>
<td>184</td>
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<tr>
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</tr>
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<td>17</td>
<td>18</td>
<td>19</td>
</tr>
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</table>

### Programs with Declining Enrollment

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<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Nursing Assistant</strong></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Headcount</td>
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<td>40.3</td>
<td>42.7</td>
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<tr>
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<td>55</td>
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<td>44</td>
<td>15</td>
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<tr>
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<tr>
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<td>21</td>
<td>21</td>
<td>18</td>
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<tr>
<td>FYE</td>
<td>25.4</td>
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<td>20.3</td>
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<tr>
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<td>22</td>
<td>20</td>
<td>15</td>
<td>17</td>
<td>14</td>
</tr>
</tbody>
</table>

*Source: Campus data 2022*
Program Reductions

Many of the workforce shortage challenges have had implications for occupations served by RCTC programming for many years. Programs including Equine Science, Horticulture, and Health Unit Coordinator have closed with declining enrollment. These occupations no longer require a post-secondary credential for employment. Additionally, for programs in Administrative Office Professions and Human Services that serve high demand workforce needs, employers tend to recognize alternative mechanisms for demonstrating qualifications.

Curriculum and Instructional Goals

Healthcare

Academic programs will integrate technology in the classroom, engage students with changes in technology in the professional fields, and work to invest in the college facilities to maintain high quality educational programming in these fields.

RCTC currently offers programs that meet current occupational demand, however to meet the growing demand, RCTC must invest in academic programming, facilities, and technology to meet this demand.

Within the health profession field, capacity to expand programming is limited to the availability of supervised clinical sites. COVID restrictions further limited clinical experience opportunities requiring institutions to expand simulation to meet this program licensure requirement. With success in a simulated environment, both National and state licensing agencies have reduced some to the requirements to allow expansion of simulation for clinical experiences.

Computer Science and Information Technology

The computer science department is exploring the expansion of a cybersecurity pathway that will align with the PTECH dual enrollment programming.

While these programs excel in their ability to meet stakeholder needs with current facilities, technology and staffing, the demand to plan for innovative initiatives and upgrading equipment remains. In highly technical, professional programs and disciplines as those residing within these academic departments, the need to stay current in technology, equipment and materials is a constant challenge.

Student Services Needs

One of the strategies established by the Student Success Committee is improving student access to basic need and academic supports. Each incoming student completed a survey and responded to the following question. “As you feel comfortable sharing, please check all the life experiences or situations where you may need some additional help and support.” A total of 715 students responded to the question with 82% of respondents indicating that they may need additional support for personal stress and/or mental health and finances.

During the pandemic, the college significantly expanded mental health, emergency funding, and technology

Student Support needs by number of responses

![Student Support needs by number of responses](image)
supports. The college recently consolidated the Welcome and One Stop Center (WOSC) and technology services within the Goddard Library building to better meet the needs of students. However mental health support and financial aid resources continue to be located outside of the WOSC requiring students to locate services that are not as widely visible.

Academic supports in writing were relocated from the 3rd floor Science and Technology Building to the library to improve visibility of the services and leverage library resources in serving those needs. The space available in the library was insufficient to relocate all academic tutoring services in this space and remain located on the 3rd floor of the Science & Technology Building.

A Student Services facility will allow the college to consolidate and further align these services ensuring that students are aware and have access to the necessary services for success.

**Current Programs**

**Academic**

*Accounting, Business and Office Administration*
- Accounting AS
- Administrative Office Professional Diploma
- Executive Office Professional AAS
- Business Management AAS
- Business Management-Hospitality AAS
- Business Management-Marketing AAS
- Business Transfer Pathway AS
- Supervisory Leadership AAS

*Agriculture Science and Natural Resources*
- Environmental Science AS
- Veterinary Technician AAS

*Behavior, Education and Personal Services*
- Alcohol and Drug Counseling AS
- Coaching Diploma
- Personal Trainer Diploma
- Human Services Technician Diploma

*Communication, Fine Arts and Audio-Visual Technology*
- Graphic Design AS
- Mass Communication
- Music Creative Technologies AFA
- Web Design AS

*Construction, Technology and Transportation*
- Automotive Technician Diploma
- Aviation Pilot AAS
- Computer Aided Drafting (CAD) Technology Diploma
- Computer Aided Drafting (CAD) Technology AAS
- Carpentry Diploma
- Facility and Service Technology Diploma
- Facility and Service Technology AAS

*Health and Healthcare Support Services*
- Advanced Hospital Nursing Assistant
- Cancer Registry Management AAS
- Cardiovascular Invasive Specialist AAS
- Clinical Neurophysiology Technology AAS
- Health Information Technology AAS
- Healthcare Informatics Diploma
- Coding Specialist Diploma
- Dental Assistant Diploma
- Dental Assistant AAS
- Dental Hygiene
- Emergency Medicine Paramedic AS
- Health Sciences Broad Field AS
- Healthcare Office Professional Diploma
- Healthcare Office Professional AAS
- Histology Technician AS
- Human Services Technician Diploma
- Human Services Specialist AS
- Laboratory Science AS
- Magnetic Resonance Imaging (MRI) AAS
- Nursing AS
- Practical Nursing Diploma
- Radiography AAS
- Surgical Technology AAS

**Law Enforcement and Public Safety**
- Law Enforcement AAS

**Liberal Arts**
- Individualized Studies
- Liberal Arts and Sciences AA

**STEM**
- Bioinformatics Foundations AS
- Computer Information Systems AS
- Information Technology AAS
- Engineering Broad Field AS
- Laboratory Science AS
- Science Foundations AS

**Other Academic Disciplines**
- English
- World Languages
- Mathematics
- Social Sciences
- Sciences

**Transfer Pathways**
- Accounting Transfer Pathway AFA
- Art Transfer Pathway
- Biology Transfer Pathway AS
- Business Transfer Pathway
- Chemistry Transfer Pathway AS
- Communication Studies Transfer Pathway AA
- Computer Science Transfer Pathway AS
- Criminal Justice Transfer Pathway
- Early Childhood Education Transfer Pathway
- History Transfer Pathway
- Law Enforcement Transfer Pathway AS
- Mass Communication Transfer Pathway AA
- Pre-Social Work Transfer Pathway
- Psychology Transfer Pathway
- Sociology Transfer Pathway

**Customized Training, Continuing Education and Workforce Development**

**Customized Training**
- Professional Development
- Trade & Industry
- Conferences
- Healthcare
- Live Online
- Transportation
- Small Business Development
- RCTCLearn.net offers over 100 online courses
- Learning Is ForEver (LIFE): educational programs for life-long learners through a variety of affordable courses including lectures, discussion groups, day trips, and other learning opportunities

**Accounting, Business and Office Administration**
- Business Administration Certificate
- Business Management Certificate
- Business Analysis Certificate (Offered by Business and Workforce Education)
- Digital Marketing Specialist Certificate
- Supervisory Leadership Certificate (All offered through Business and Workforce Education)
- Supervisory Leadership: Employee Development Certificate

**Behavior, Education and Personal Services**
- Alcohol and Drug Counseling Certificate
- Child Development Certificate
- Group Fitness Instructor Certificate

**Communication, Fine Arts and Audio-Visual Technology**
- Communication Studies Certificate
- Workplace Communication Certificate
- Mass Communication Certificate
- Music Technology Certificate
- Photography Certificate

**Construction, Technology and Transportation**
- Welding Technology Certificate
Health and Healthcare Support Services
- Advanced Hospital Nursing Assistant Certificate
- Cancer Registry Management Certificate
- Community Health Worker (Only available through Business and Workforce Education)
- Dental Assistant Expanded Functions Certificate
- Emergency Medical Technology Certificate
- Healthcare Office Professional Certificate

Law Enforcement and Public Safety
- Law Enforcement Certificate
- Law Enforcement Skills Certificate

STEM
- Science Foundations A Certificate
- Science Foundations B Certificate

Specialty Programs
Within the list of academic programs, Advanced Hospital Nursing Assistant, Aviation Pilot, Cancer Registry Management, Clinical Neurophysiology Technology*, Cardiovascular Invasive Specialist (CVIS)*, Dental Hygiene, Emergency Medicine Paramedic*, Histology Technician*, Human Services, Magnetic Resonance Imaging (MRI)*, Radiography*, Surgical Technology, and Veterinary Technology are considered specialty programs.

*denotes collaborative education partnership with Mayo Clinic School of Health Sciences

Recruiting Strategies
A recruitment plan is currently being drafted for 2022 through 2023. Strategies in the plan include dual enrollment for high school students, promote employer reimbursement programs to local and regional managers and supervisors, develop relationships with community groups and faith organizations, outreach to accepted applicants, targeted recruitment activities for high school students, student ambassador programs, campus visits, and focus on adult, non-traditional and PSEO students.

Partnerships and Affiliations

Academic Affiliations
- Rochester Public Schools – CTECH & PTECH
- Greater Rochester Advocates for Universities and Colleges (GRAUC)
- Winona State University
- Triton Public Schools
- Augsburg University
- Department of Employment and Economic Development
- Mayo School of Health & Sciences

Public Affiliations
- Rochester Area Chamber of Commerce
- City of Rochester
- Rochester Parks and Recreation
- Olmsted County
- Destination Medical Center
- Rochester Area Economic Development
- Community Health

Private Affiliations
- Workforce Development Inc.
- Mayo Clinic
- Project Legacy
- Zumbro Valley Health Center
- Southeastern Minnesota 504 Development

PTECH
An IBM led initiative; Pathways in Technology Early College High School (PTECH) was launched in the fall of 2021. Supported by the legislature, PTECH is collaboration between IBM, Mayo Clinic, Rochester Public Schools and RCTC. It is a pioneering education reform initiative created to prepare young people with the academic, technical, and professional skills required for high wage, high skills, and high need regional careers. This public-private partnership allows students to take high school and college coursework simultaneously while engaging in industry-guided workforce development in computer information or practical nursing pathways.
Students begin the program in 9th grade and enroll in general education courses at RPS and pathway courses on the college campus. Students may enroll in Post-Secondary Enrollment Options (PSEO) program courses as early as 10th grade and all students will be enrolled in college level courses as high school juniors. The current capacity is thirty-five in each of these pathways and this pipeline will support continued demand and growth for clinical and technology labs, simulation experiences, and classroom capacity. Employers including Mayo Clinic have interest in expanding these pathways to include facility technicians and other allied health professions.

Higher Learning Commission

The Higher Learning Commission continued the accreditation of RCTC in 2017 which required a focused visit in 2019 to assess student learning. The most recent comprehensive evaluation was completed in January 2021, with the next scheduled for 2026.

An Assurance Argument was submitted in September of 2020 which provided a detailed review against each of the accreditation criteria. The HLC completed its comprehensive evaluation in January of 2021. As part of an effort to improve on past evaluations, RCTC was a member of the HLC Assessment Academy from 2016 to 2020, and continues to work on improving the ongoing assessment of student learning.

Course Delivery Impact on Physical Space Needs

If a significant portion of course seats continue to include an online learning component as documented by recent campus data (see page 1-10), the need for improved technology in the classroom will become more critical to support hybrid instruction. At the same time, for courses with hands-on learning, a focus on right-sized rooms and updated instructional equipment is needed.

1.5 Technology Planning

The Master Technology plan for 2021 through 2025 focuses on the following strategies:
- Increase Organizational Alignment:
- Improve Customer Service
- Evolve to Service Management
- Transform IT
- Manage Architecture and Assets
- Roadmap the Future
- Enhance Organization Decision-Making

Current Infrastructure

Certain technology updates have been delayed beyond their end of life or end of support. The plan initiatives include modernization of core IT infrastructure including the data center and communication closets. Electrical power stabilization to prevent equipment damage due to lightning and surges from the RPU is also an initiative of the plan.

To support the modernization of the core IT infrastructure, a communications closet standard and low voltage wiring specifications have been developed.

Specialized Instruction Technology Needs

Specialty Labs & Simulation

The need for IT support of specialty computer labs was identified for various academic programs. Simulation technologies are also needed to support both in-person and online learning for various programs.

Hyflex Spaces

Hyflex courses, an integration of in-class instruction, online synchronous video sessions, and asynchronous content delivery were implemented as part of the initial pandemic response. This initially reduced the overall need for classroom space. The technology plan posits that after the initial peak of hyflex courses, a more targeted use of hyflex classroom technologies will occur by 2026. Based on this,
general classroom and meeting rooms will need to include consistent collaboration technology for all spaces.

**Technology Integration and Planning**

The integration of new technologies on campus in the past has focused first on the technology itself which has yielded inconsistent results. Moving forward, the plan will address the needs of people first. Secondary will be process management, and finally the technologies to automate the processes.

To support current technologies and integrate new technologies training and skills development is key. Technology literacy for faculty, staff, and students was identified as a high priority initiative, which requires additional staffing.

**Technology & the Student Experience**

Through an 'environmental scan' the preparers of the plan gathered needs from several departments. Instruction delivery to anyone, anywhere, anytime was emphasized as a theme throughout the plan.

As this paradigm shift to online instruction occurs, digital equity to ensure students have what they need to participate anywhere at any time is the key to student success. In the past this was mainly accomplished through access to computer labs on campus. At the time of this report, alternatives are being explored that may alter the computer lab environment on campus.

**Technology Power Usage Plan**

The College is confident in the existing power infrastructure for technology and any increased power demands will likely be due to projects and/or academic program changes.
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2: Existing Site Conditions
2.1 Land Management

Addresses

RCTC Main Building:
851 30th Avenue SE Rochester, MN 55904-4999

Rochester Regional Sports Center:
851 30th Avenue SE, Rochester, MN 55904-4999

RCTC Heinz Center:
1926 Collegeview Road E Rochester, MN 55904-4999

RCTC Career and Technical Education Center (CTECH):
2130 Collegeview Road E Rochester, MN 55904-4999

Campus Context

Rochester Community and Technical College (RCTC) is located on the southeast side of Rochester, Minnesota just two miles east of its downtown. The 518-acre campus is bordered by Collegeview Road on the north, State Highway 14 on the south, 19th Avenue on the west and County Road 22/30th Avenue on the east.

The City of Rochester is the state’s third largest city, the seat of Olmsted County, and is frequently ranked as one of the best places to live in America. Rochester is home to the world-renowned Mayo Clinic, Minnesota’s largest employer which generates more than $9.6 billion in economic impact to the state. The city is continuing to grow as a magnet community and is a place of exciting opportunity because of the Destination Medical Center (DMC). According to the DMC website, the DMC is "the largest public-private economic development partnership in Minnesota history." It also states, "The $5.6 billion plan includes $585 million in funding from the state over 20 years, $3.5 billion pledged from the Mayo Clinic and an additional $2.1 billion in planned investments. With Phase I accomplished, DMC has already reported creating more than 7,000 jobs and attracting nearly $10 of private investment for every $1 of public funds." ¹ Only five years in, the DMC promises to be a economic and community building catalyst for the city and region for years to come.

At the regional scale, the City of Rochester lies along the south fork of the Zumbro River in Southeast Minnesota. This unglaciated area or “driftless” area of the state is known for rolling terrain, exposed bedrock, and steep wooded bluffs overlooking deep river valleys. RCTC is surrounded by this beautiful landscape and is connected to the natural areas and parks within the larger community through an extensive network of city trails.

Zoning & Regulatory Requirements

Refer to Adjacent Property Zoning and Land Use Diagram

The local zoning authority for RCTC is the City of Rochester. The RCTC campus is zoned as MRD 1 Mixed Redevelopment District – Education and Public Service Campus. This zoning category recognizes the special needs of education and institutional facilities to often change to support the needs of students and staff, while also providing for community needs. The Collegeview Road corridor is zoned as Transit-Oriented Development (TOD) Corridor with the intersection of Collegeview Road and Collegeview Parkway as a TOD Node. The TOD District standards are relatively new for the City but are in keeping with the larger public transit planning and DMC-related initiatives to foster growth and connectivity throughout the City.

Adjacent land use north of the campus includes the DNR’s Gordon W. Yeager Wildlife Management Area (WMA) Southwest Unit and institutional uses including Olmsted County Public Health, Olmsted County Waste-to-Energy Facility, and Olmsted Medical Center. Mixed Single Family (R1) and Medium Density Residential (R3) surrounds the college to the west, south, and east. RCTC is also located within the larger Zumbro River Watershed District. Recently the counties of Rice, Goodhue, Wabasha, Dodge, and Olmsted and their soil and water conservation districts along with the Bear Valley Watershed District and the City of Rochester developed the Greater Zumbro One Watershed One Plan which was approved on October 27, 2021.² RCTC is also considered an MS4 district within the larger City of Rochester MS4 district. MS4 permitting paperwork needs to be submitted by campus yearly.

² Olmsted County, MN (2021). Water Resources https://www.olmstedcounty.gov/residents/soil-water-resources/water-resources
Adjacent Property Zoning and Land Use (based on Olmsted County GIS data)
Leased Land

KEY

- Campus Boundary
- Joint Powers Agreement Between MN State & City of Rochester
- Multiple Leases within Heintz Center and CTECH
- Mayo Run Stormwater System (City of Rochester)

1. Rochester Regional Sports Stadium
2. Regional Sports Center
3. Main Building
4. RPT Park & Ride
5. Fuad Mansour Sports Complex
6. Rochester Baseball Complex
7. Rochester Fastpitch Complex
8. Parcel Recently Confirmed as RCTC Property
**Joint Use Agreements, Leased Land & Proposed Property Acquisitions**

*Refer to Leased Land Diagram*

RCTC has several joint use agreements with the City of Rochester for the city use and management of recreation facilities. The Fuad Mansour Sports complex is located on the north side of campus and totals about 87 acres including multiple football fields, soccer fields, softball fields, and the Rochester Youth Baseball Complex. There is also a portion of leased land located on the eastern side of campus at the intersection of Highway 14 and 36th Ave SE that is home to the Rochester Youth Fastpitch Complex.

The Rochester Regional Sports Center and Stadium were co-developed by RCTC and the City of Rochester. They have a joint use agreement on the use and maintenance of these facilities. They are often utilized by local sports organizations, but they are available for the public to use for events.

The west parking lot is being leased by City of Rochester Public Transit for use as a Park and Ride.

RCTC also has several joint use agreements with the Rochester school district and other institutions for use of space within the Heintz Center, CTECH, and the Main Building.

There is a small portion of land north of Highway 14 and east of the Fastpitch Complex that was recently confirmed to be owned by RCTC.

There are no proposed property acquisitions.
2.2 Landscape & Civil

Buildings & Key Site Features

Refer to Site Plan Diagram.

The Main Building is in the southeast corner of campus and is accessed from the east entry drive from 30th Avenue SE. The main entry plaza at the northeast corner of the building is relatively new with updated walkways with colored concrete banding, plantings, and iconic signage. The main entry also features monumental stairs and retaining wall planters arranged in an arc around the main doors. An oak grove and drop-off loop with additional visitor parking is located between the main entry drive and the main entry plaza.

The East Hall entrance, which also serves as the primary entry point for the Hill Theater, is located on the eastern side of the building near a drop-off circle which continues to a loading dock and storage areas behind the building.

A native plant interpretive garden and raingardens are located across the drop-off circle from the theater entry. This side of campus is served by the eastern parking lot.

South of the building is a new courtyard that connects to Art Hall, College Center, and Coffman. The south courtyard provides flexible gathering and event space that showcases art. Surfacing in the south courtyard ranges from concrete, stabilized aggregate, pavers, and a central turf area. The south courtyard is separated from the south wooded area by a large concrete retaining wall.

Public art is also on the west side of the Main Building in a new lawn and seating area by the new Memorial Hall entrance. Lawn and trees with crossing concrete pathways and foundation plantings define this area. The connection to the Science and Technology entrance (Door 24) feels narrow and long as it is defined by the surrounding building massing. There are many patches and additions to the concrete walks in this area as well. This side of campus is served by the western parking lot.
2: SITE CONDITIONS

South Courtyard Looking East

Roundabout Near Theater Entrance

South Courtyard Looking West by Art Hall Entry

Interpretive Garden

Coffman Entrance

Science and Technology Western Entrance

Seating and Public Art Near Memorial Hall Entrance

Patched Concrete on West Side of Main Building
The amphitheater is located on the northwest side of campus and features concrete and turf terraces, brick walkways, and a circular stage. The walkway from the amphitheater to the north side of the building is connected by a steel pedestrian bridge painted RCTC blue. From the bridge one can look out over the Quad and not be aware that they are crossing a loading dock area. There is a small north plaza that connects to doors 18 and 16. A ramp circles down from this upper level to an at-grade crossing at the service road to connect to the Quad.

North of the Quad is the Regional Sports Center which contains an indoor field house and performance courts. The north parking lot and western reclaimed gravel parking lot serve this building. A disc-golf course is located between the Sports Center and north parking lot.

The Rochester Regional Stadium is located north of the Sport Center across Stadium View Place. The stadium features a full-size artificial turf football/soccer field with permanent stands that hold up to 5,000 people. A temporary dome just covers the field during the winter. Secure entry to the stadium and dome occurs through the ticket building. A gravel road located around this complex provides maintenance and emergency access.

A new maintenance building is located between the regional stadium and the baseball fields to the north. The area around the new building is a gravel lot that stores many vehicles and other large equipment and can be accessed directly from College Parkway from a gravel drive. Future fencing and card access gates are planned for this area.

The Rochester Baseball Complex is located east of College Drive just south of Collegeview Drive. This area contains four baseball fields, one aggregate practice area, batting cages, a parking lot, small storage and restroom building, and a playground. Two more smaller baseball fields and an aggregate parking lot are located across the street just south of College Parkway. All ballfields have permanent dugouts and stands. Only the two larger baseball fields have lights. The furthest east field in this complex is primarily scheduled by RCTC. A practice football field is also located east of the baseball complex.
College Drive is a north-south city street that provides direct access to Collegeview Drive while also physically dividing the campus in half. Near the campus entry at Collegeview and College Drive is a historic silo.

On the west side of College Drive is the Fuad Mansour Sports Complex which contains numerous soccer fields and youth football fields. This large sports complex spans College Parkway. A small gravel lot for the complex is located southwest of the College Drive and College Parkway intersection.

The RCTC Heintz Center and CTECH building are located on the northwest side of campus near the intersection of Collegeview Drive and 19th Avenue SE. College Parkway SE provides southern access and acts as a boundary. The Heintz Center is best accessed from 19th Avenue and its western parking lot. The parking lot has been recently resurfaced. The relatively new CTECH building also has a north parking lot, entry sidewalks, and landscaping. The eastern parking lot has recently been updated as part of the CTECH project which also serves the soccer complex. The lot south of CTECH is old and in disrepair. Loading docks and several storage and utility buildings are located behind the Heintz Center, near the southern parking lot.

The SMART (Sustainable Medicinal Artistic Resourceful Thematic) gardens are adjacent to the Heintz building off 19th Avenue and are a popular destination for horticulture enthusiasts. A water feature, pergolas, paver pathways, and several ornamental gardens comprise this unique site feature. Home to a horticultural program, that is currently suspended, the landscape around the Heintz Center also features several past student projects including extensive perennial beds, a small pedestrian “bridge,” and a bike shelter.

RCTC also owns land east of 30th Avenue South. A large portion of this area was historically leased to the U of M Extension for use as research plots but that has ceased. The other portion of this land is home to Rochester Youth Fastpitch Softball Association (RYFSA) Fields. This area recently was upgraded with a brand new Women’s fastpitch field, used by RYFSA and RCTC’s team, and a new concession building with restrooms and storage.
Landscaping & Natural Resources
Refer to Landscape and Natural Resources Diagram.

Campus Landscape

The overall campus landscape can be categorized into four distinct types:
- Athletic Fields
- Turf Lawn
- Manicured Plantings
- Natural Resource Areas and/or Naturalized Areas

There are nearly 87 acres of athletic fields on campus. Most of these fields are irrigated and maintained by the Rochester Parks and Recreation Department.

There are large open areas of turf grass around the Regional Sports Center which comprises the “Quad” and disc golf area. Several other areas are interspersed throughout the campus on the west side, south plaza, and even under the oak grove near the main entry plaza. These interspersed lawn areas throughout campus require a lot of maintenance and could be transformed into lower maintenance landscapes with native and adaptive species.

The Main Building and the Heintz Center have foundation plantings and manicured perennial planting beds at all key entries. Some have clearly been designed as part of a building addition and are extensive. These areas contain a combination of shrubs and ornamental grasses and are typically surfaced with hardwood mulch. Small limestone rocks and logs were purposely set into the front entry perennial beds based on maintenance staff designs. These planting areas typically require a higher level of maintenance if not fully established or depending on the variety of plants featured. One of the most manicured and beautiful spaces has historically been the SMART garden near the Heintz Center. The maintenance for this garden was completed by Horticulture staff and students, and community volunteers.

Natural Resources and Naturalized Areas

RCTC has extensive natural resources throughout campus with nearly 50 percent of the campus comprised of wetlands, stormwater ponds, and steep woodlands. Most
notably, a large wetland complex acts as the east-west “spine” of campus. This series of forested wetlands and open water is part of the Mayo Run flood control project and stormwater management system which was built in response to a large flood in the late 1970s. These wetlands have been classified by the DNR and are also identified as municipal separate storm sewer systems (MS4). A series of planted ponds and swales connects the Mayo Run complex to a larger stormwater pond on the east side of 30th Avenue along the north side of Stadium View Place.

Where more recent development has occurred, the stormwater is handled on-site through stormwater Best Management Practices (BMPs). The western parking lot was designed to capture run-off with all the islands depressed and planted with native plants to act as raingardens. There are several swales and stormwater ponds along the east side of College Parkway with most of them planted with natives. A large raingarden is located to the south of the eastern parking lot. The new south courtyard has several formally planted areas that also double as stormwater filtration including a system located underneath the lawn that outlets to a stone feature. A series of large stormwater infiltration (dry) basins are located between the south courtyard and the woods. These interconnected basins and have gabion check dams at key overflow points to slow down the water and filter it connects into the larger system.

Tree canopy is another key layer of vegetation that defines campus. In 2011, a Forest and Tree Maintenance Plan was conducted by Maier Forest and Tree. In that report, the campus was noted as “rich in diversity having 35 various tree species, with only two species (Burr Oak and Black Walnut) representing more than ten percent of the total population. Overall, the age structure that is present on the campus also represents an ideal model of a healthy stand. Different age classes and a diverse species composition ensure that the stand will be less susceptible to environmental impacts and pest/disease issues.” In the report, the steep wooded area south of the main building was identified as having seven distinct stands some of which include oak trees over 100 years old.
Within the southern woods are several caves called the “Horse Thief Caves”.

Recommendations on management and construction specifications were also included in this report and should continue to be followed for the larger health and longevity of the campus canopy.

The direction of prevailing winter winds is from the north-northwest. There should be a balance of planting additional coniferous tree species to screen from these winds while keeping in mind open sight lines for pedestrian safety.

RCTC sits within a larger ecological context of the region with its natural resource areas providing critical habitat in conjunction with the surrounding WMA land and Quarry Park to the north and Eastman Park to the south.

**Site Furnishings & Amenities**

There are a mix of furnishing types, both movable and permanent, throughout campus. Backed benches are a mix of all metal with some more decorative and in wood. The new south courtyard has more modern metal and wood furnishings that are distinct from the rest of campus. Tables are a mix of larger aluminum picnic tables and smaller 4-top tables that are painted with the school colors. Many of the bike racks, located at main entries, are painted blue except for new bike racks near Memorial Hall which are stainless steel. Often the site furnishings are not located on concrete pads or have migrated into planting beds. There are a mixture of trash receptacles that are all dome topped. The only recycling bins observed were in front of the Sports Center. Lighting fixtures vary throughout campus as well. The mixture of site furniture and lighting types dilutes the campus identity. A more consistent approach to furnishings would help clarify the campus brand and overall user experience.

There are several pieces of public art on campus grounds. A series of sculptures is in front of the Sports Center, a large steel piece is located west of Memorial Hall, and the new south courtyard showcases a large piece entitled “Pathways” by Twin Cities artist Randy Walker.
Mix of Furnishings Near Main Building Entry

Mixture of Picnic Tables at South Courtyard

Typical Lighting Near Main Building

Mixture of Picnic Tables at South Courtyard

Typical Bike Rack

Trash Receptacles

Newer Metal Bench Without Concrete Pad

Older Metal Bench with RCTC Logo
Modern Furnishings in South Courtyard

Receptacles in Front of Sports Center

Wood Light Poles in South Courtyard

Public Art in Front of Sports Center

"4-top" Picnic Tables in RCTC Colors

"Pathways" by Randy Walker

Site Furnishings Near Park and Ride

Site Furnishing Storage Behind Stadium
Hazardous Environmental Conditions

Due to laboratory waste generated by some of the programs, the RCTC campus is considered a "very small quantity generator" of hazardous waste according to Minnesota Pollution Control Agency (MPCA). "Hazardous waste includes substances that are corrosive, explosive, toxic and-or fire hazards. Very Small Quantity Generators produce 220 pounds or less of hazardous waste, and less than 2.2 pounds of acute hazardous waste per month." An annual license report must be sent to the MPCA, and the campus is current on this requirement.

There are no other known hazardous environmental conditions on campus.

Utilities

Refer to Utility Diagram

There are many utilities throughout campus that are in a nearly constant state of being upgraded. Since the last comprehensive facilities plan, exterior utility projects completed include a new generator, an electrical service replacement including an exterior service loop with transformers on the east and west sides of the Main Campus, and a new chiller plant.

The Utility Diagram is intended to capture as many of the utilities that are known based on information provided by the campus. This will continue to be updated for the 65% submittal based on feedback and additional information received from the college.

Due to being part of the larger Mayo Run stormwater project, there are several 20-foot or 50-foot drainage and utility easements cutting through campus. A 30-foot sanitary sewer easement runs under the north parking lot, pass the Sports Center and to the west. A water main easement runs under the western parking lot, the quad, and north parking lot. An overhead utility line runs along the south side of campus between the Main Building and the wooded hillside.

1 Minnesota Pollution Control Agency (2021). What’s in my neighborhood? https://webapp.pca.state.mn.us/wimn/site/50949
2.3 Campus Use

Campus Experience & Wayfinding

Given that the main campus buildings are located on the opposite corners of a 518-acre campus that is divided by the east-west natural “spine” of the Mayo Run wetland complex, visitors do not immediately grasp the entirety of the RCTC campus. This creates a challenge for the overall identity and feel of campus, vehicular wayfinding, and pedestrian connections.

Driving through campus, the woods and wetlands provide a nice, natural backdrop to the buildings and athletic fields but there is a lack of campus identification along College Drive and around the campus perimeter. One of the most visible corners of campus is at the intersection of Collegeview Drive and 30th Avenue S/County Rd 22 but it is not well-marked as the RCTC campus and just appears as sports fields with views to the back of a maintenance building and the Regional Sports Stadium. The expanses of open parking lots dominate the views of the college from the east which is a stark contrast to the woods behind the Main Building. Near the Main Building, there are several beautiful plazas, gardens, and wooded lawns that enhance the overall campus feel but, again, this experience does not start until you are past the parking lots. Near the Heintz Center, there are landscaped areas close to the building but there is not the same campus feel as the Main Building due to the smaller size and overall layout of this area. The SMART garden is the only designed space that offers an enhanced pedestrian experience on the west side of campus.

On the west side of campus, monument signage is present at Heintz center at the corner of 19th and Campus Drive.
and Campus Drive at the Heinz Center drop-off loop. On the east side of campus, a large monument sign is located at the intersection of 30th Avenue SE and Stadium View Place SE but it does not indicate that it is the main turn for the Stadium or Sport Center. The entrance to reach the Main Building is at 30th Avenue SE just south of the Stadium entry between the east and north parking lots but no monument sign is located here. This entry road leads to a drop-off loop at the main entry doors but also leads directly to the north loading dock area. Although the new main entry plaza now contains bold RCTC signage, many visitors still miss the turn to the main drop-off and end up at the loading dock.

Small directional signage is located at the entrance to each parking lot but overall, the exterior signage and wayfinding is lacking. A larger wayfinding project is in the process of being implemented across campus for all interior building signage. Exterior signage should be added to this effort to improve overall wayfinding on campus.

**Pedestrian Features & Circulation**

*Refer to Pedestrian Circulation and Transit Diagram*

**Walkability**

Overall, pedestrian circulation is focused on bringing people from the parking lot to the campus buildings but often falls short within the parking lot. Focused improvements need to occur to enhance the experience of all users but especially those who park in the ADA spaces. The eastern lot is missing curb cuts to the adjacent sidewalk. The nearest ADA spaces in the north parking lot are located nearly 300-feet away from the Sports Center main doors. The western parking has great crosswalk connections through the parking lot but the paved lot with no landscaping provides a stark experience as you walk to the Main Building. Campus-wide there are many areas not fully up to ADA code with ramps missing or outdated.
Although City trail additions have helped expand the overall campus pedestrian network, key gaps remain to truly connect across campus from the Main Building to the Heintz Center. These gaps include:

- A trail along College Parkway SE from Stadium View to College Drive. (Students currently walk along on the shoulder or even in the middle of the road.)
- A pedestrian crossing at the southern intersection of College Drive and College Parkway.
- A pedestrian crossing at the northern intersection of College Drive.
- A trail leading from the CTECH or Heintz Building south to cross College Parkway to connect with the multi-use trail along the south side of College Parkway.

Pedestrian conflicts are occurring near maintenance or loading dock areas such as:

- The south parking lot of the Heintz Center.
- The turnaround/loading dock access area near the Theater Department at the Main Building.
- The northern loading dock and crossing to the Quad at the Main Building.
- The trail by the northern ballfields where it meets the maintenance area access road.

Additional gaps include a connection between the Heintz Center drop-off and the CTECH building’s south lot and connections through the western gravel lot near the Sports Center.

**Trails**

According to the City’s website, the city has more than 3500 acres of park land and more than 85 miles of paved trails. As mentioned above, there are many city trails throughout campus which help connect campus to the larger park and trail system. Even with the few gaps that remain, students can readily access the trail system from either side of campus. Trails connect to Quarry Hill Nature Center to the north, Eastwood Park (and its mountain bike trails) to the south, and Homestead Park and Bear Creek Park to the west. There are currently no trails within the Mayo Run wetland complex. Although noted in the previous Comprehensive Facilities Plan that trail connections should
be made through the wetland complex, recent feedback from staff indicated that they would be very difficult to build and maintain.

**Gathering Spaces**

Near the Main Building there are many formal and informal gathering spaces. Picnic tables, benches or movable tables and chairs are located near almost every building entry. Favorite spaces to gather include the oak grove at the front of campus and in the shaded area just east of the Quad. The amphitheater is still well-used for outdoor learning and casual gatherings. The Quad is used for events and recreation classes. Although the southern courtyard was not mentioned in stakeholder meetings, it is likely too new to fully understand student use of this space. With a small lawn, flexible seating, and areas to showcase art it seems likely that this area will be a new favorite space on campus. Outdoor access from the cafeteria or theater spaces are lacking.

Near the Sports Center, there are tables under the southern overhang of the building and a few benches located near the eastern entry. This building is so large the pedestrian space feels out of scale and uncomfortable. Grounding these spaces with additional landscaping and shade trees would help provide more welcoming gathering spaces.

Near the Heinz Center, the SMART gardens provide the only outdoor pedestrian space on the west side of campus; however, there are few areas to gather and rest within. There are a few benches on the east side of the Heintz building and on the north side of the CTECH building but they are not truly designed as gathering spaces. The green space between these two buildings could be utilized to create an additional gathering space.

The Rochester Baseball Complex features a playground and small picnic area located near the restroom building.
The main roads through campus include College Drive SE and College Parkway SE. College Parkway essentially acts as a ring road to access the interior of campus, the athletic fields, the western lot for the Main Building, and the southern lot for the Heintz Center/CTECH building. The only connection from College Parkway to 30th Avenue is along Stadium View Place. The entry drive that goes directly to the Main Building terminates at the main entry plaza drop-off loop while also providing connections to the loading dock areas. Heintz Center and CTECH can be accessed directly from 19th Ave and Collegeview Rd.

There is adequate parking on campus for daytime weekly activity and evening events. Due to the current COVID pandemic it appears that parking lots near the Main Building are vastly underutilized, but a study should occur later to verify if use has decreased substantially and will remain so. Pre-pandemic, the western parking lot at the Main Building was underutilized to the point that a portion of it has been leased for use as a Park and Ride. The gravel lot west of the Sports Center was intended to be temporary, but it provides a convenient option for Sport Center users as it is located closer to the building than the north parking lot. The parking lots at the Heintz Center and CTECH buildings are relatively new except for the south lot. Parking counts for each lot are included on the Vehicular Circulation Diagram.

The overall pavement for the college was assessed in a Pavement Condition Rating Report conducted by Widseth in 2020. This document should continue to serve as a guide to the campus on where to invest funding for surfacing improvements.

Loading docks are located north and southeast of the Main Building and south of the Heintz Center.
Transit

Refer to Pedestrian Circulation and Transit Diagram

As previously mentioned, the City of Rochester is operating a Park and Ride out of the Main Building’s western most parking lot. The City of Rochester is currently in the process of updating their five-year transit development plan. Currently, two bus routes serve campus: the 250X and the 203. The 203 has a stop near Memorial Hall and runs every 30 minutes during the weekdays. The 250X stops at the Park and Ride shelter and along Collegeview Road in front of CTECH and the Heintz Center. The 250X route provides express service only with inbound times between 5:30AM-9AM and outbound times between 3PM-6:30PM. Both routes provide access to Downtown Rochester.

Safety & Security

Refer to Pedestrian Circulation and Transit Diagram

To encourage walkability across campus, additional lighting and security should be added to trails and pedestrian connections.

Light fixtures should be upgraded overall to be consistent and have LED lighting. Blue code emergency phones have been removed from service. New exterior lighting could provide wireless internet coverage so students can be better connected throughout campus from their cell phones in lieu of the removed blue code emergency phones.

The southern wooded area is densely planted, hard to secure, and contains caves which frequently cause security issues. Ideas for incorporating more formal trails with low-level lighting in this area to encourage more use would be helpful to deter undesirable activity.
Natural Resources & Landscape Diagram

Key:
- Campus Boundary
- 2’ Contour
- Forested Area
- Native Plants / Prairie
- Freshwater Emergent Wetland
- Freshwater Forested Wetland
- Freshwater Shrub Wetland
- Seasonally Flooded Freshwater Pond
- Freshwater Pond
- Drainage Channel
- Stormwater Pond
- Irrigated Athletic Turf
- Lawn
- Entry Drive & Oak Grove
- Amphitheater
- Quad
- Monument Signs & Garden
- Environmental Learning Garden

Aerial & parcel data provided by Olmsted County. Wetland & topographic data provided by the Minnesota DNR. Campus facility & infrastructure data provided by RCTC.
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3: Existing Building Conditions
3.1 Building Analysis & Summary

Overall Condition

Overall, the buildings on campus have been well maintained. Funding challenges and aging facilities have impacted RCTC similar to other Minnesota State Institutions, but campus staff have done a good job of planning for and prioritizing needs.

Facilities Condition Index

The Facilities Condition Index (FCI) is calculated as the building’s backlog divided by the replacement cost of the building.

Overall the campus has an FCI of .06 which is in the "Good" category. No buildings have an FCI above .40. The Health Science Hall, Memorial Hall, Career and Technical Education Center at Heintz (CTECH), Heintz Workforce Addition, Stadium Dome buildings and Central Chiller Plant all have an FCI of 0, positively impacting the overall FCI. Singley Hall rates as "Fair" at .17 and Coffman Hall rates as "Poor" with an FCI of .36.

The 5 year FCI outlook forecasts that the Stadium Dome will enter the "Crisis" category. The Art Hall, Coffman Hall, College Center, Hill Theater, and Heintz Center Horticulture buildings will enter the "Poor" category in 5 years.

Deferred Maintenance

In depth summaries of maintenance issues are listed by building in Section 3.2.

The following is a summary of the top three deferred maintenance items by backlog.

- Building Exteriors Renewal  $4,134,835
- Interior Finishes Renewal  $2,795,257
- Roofing Renewal  $2,479,932

Program Fit Issues

The academic programs for Rochester Community and Technical College are split between the Main Building and Heintz Center. The Main building includes programs related to liberal arts, STEM, healthcare programs, fine arts, and similar programs plus administrative and student services. The Heintz Center includes career and technical programs like carpentry, welding, automotive technology, facility and service technology, dental programs, and law enforcement. This division creates a sense of "home" for individual academic pathways while also creating two distinct "places" located on the same property.

This results in space use challenges. For instance, healthcare programs continue to be in demand and growing capacity by adding addition lab space would support the region’s employment outlook. However, the majority of underutilized space is at the Heintz Center and placing new nursing labs there, approximately 1.5 miles away, creates issues for students transitioning between classes.

Another unique challenge for RCTC is the current location of student life and food service. Those functions are located on the third and fourth floors of College Center, out of the way from most students. Ideally, these functions would be located on primary circulation paths, but recreating these uses elsewhere may be cost prohibitive given the need to use college or revenue funds.
### Facilities Age, Size and Condition

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<th>Building</th>
<th>GSF</th>
<th>Constructed</th>
<th>Remodeled</th>
<th>FCI</th>
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<td>.02</td>
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<td>.04</td>
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<td>2,250</td>
<td>2020</td>
<td></td>
<td>.00</td>
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</table>

Data as of November 2021.

### Facilities Condition Index

- **Excellent**: <0.05
- **Good**: 0.05 - 0.15
- **Fair**: 0.15 - 0.30
- **Poor**: 0.30 - 0.50
- **Crisis**: >0.50
Energy & Water Efficiency

B3 Benchmarking

The B3 Benchmarking database indicates that Rochester Community and Technical College performs better than the Benchmark. The trend on campus since 2016 has been a decrease in energy use. The EUI for 2021 year end was 60.47 kBtu per square foot.

The latest complete set of 12-month data illustrates energy use from November 2021 to October 2022. Campus energy consumption during this time frame was nearly 17% below the baseline set in 2017. Energy costs have remained below the baseline as well.

It is not currently possible to analyze how all individual building areas are performing as buildings in the Heintz Center and Main Building have shared meters. Individual building data for the areas that have dedicated meters can be found in Section 3.2.

Energy Sources

The campus is served by electric and natural gas. Use of steam dropped significantly to .01 kBtu per square foot after 2015.

Annual Energy Use

Electricity is on average 58% of the energy used on an annual basis for the past ten years. It is responsible for closer to 78% of energy costs for the past ten years. Primarily natural gas makes up the balance of use and costs with some minimal use of steam.

Monthly Energy Use

Energy use is up overall during the academic school year and drops off during summer months. Energy use peaks during the extreme winter months and is the primary time frame for steam use.

Water Use and Costs

Water use has been reported below the baseline since 2006, however, the data is incomplete for each year through 2020. Water costs for 2019 were at a recent high, but with data being incomplete, analysis is difficult.

Annual Comparison to Benchmark

| Actual (kBtu/SF) (using each site’s period) | 65.05 |
| Benchmark (kBtu/SF) | 130.32 |

Usage period: November 2021 to October 2022

Comparisons to Baseline

**Consumption**

61.81 kBtu /SF

**Cost**

$1.70 / SF / Year

**Carbon**

.0061 CO₂e

**Metric Tons / SF / YR**

-30.51%

Baseline Period January 2017 to December 2017

Usage Period: November 2021 to October 2022
EUI Heat Map

Annual Energy Use 2007 - 2021
Baseline Weather Normalized

Annual Water Use 2007 - 2021
**Space Utilization**

Minnesota State’s system expected classroom utilization is 32 hours per week. National expectations are typically higher with many approaching 40 or more hours per week. Considering this fact, system expectations are not overly aggressive. The analysis of classroom use data is complicated and nuanced. Experience predicts considerable inconsistencies in data entry caused by human error, or otherwise being under reported.

Space Utilization discussions can be highly charged, however consideration for academic goals or student needs must be made. The primary goals are to improve learning environments and to provide opportunities for new and/or expanded programs, not just to be financially responsible.

**Impacts on Utilization**

Space utilization in this section represents the Fall 2021 semester.

Some classrooms and labs are either leased to or shared with partner organizations, which affects availability of rooms and utilization for RCTC courses. Rochester Public Schools, WSU, and other organizations use 46 out of 65 available classrooms and 5 out of 44 labs. Overall partner utilization was roughly 34% of total hours booked.

If RCTC and partner organization utilization were combined, it would be 67.4% for classrooms overall and 54.7% for labs.

Utilization in Section 3 includes RCTC only per Minnesota State Guidelines unless otherwise specified. Space utilization reports can be referenced in the Appendix.

**Overall Space Utilization by Organization**

<table>
<thead>
<tr>
<th>ORG</th>
<th>CLASS</th>
<th>LAB</th>
<th>OVERALL</th>
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</thead>
<tbody>
<tr>
<td>RCTC*</td>
<td>Utilization 36.16% 47.97% 40.92%</td>
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</tr>
<tr>
<td>Total No.</td>
<td>65</td>
<td>44</td>
<td>109</td>
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<tr>
<td>ROCHESTER PUBLIC SCHOOLS</td>
<td>Utilization 284.9% 0 284.9%</td>
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<td></td>
</tr>
<tr>
<td>No. used</td>
<td>2</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>WSU</td>
<td>Utilization 33.7% 58.9% 36.7%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>No. used</td>
<td>37</td>
<td>5</td>
<td>42</td>
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<tr>
<td>OTHER</td>
<td>Utilization 24.5% 0 24.5%</td>
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</tr>
<tr>
<td>No. used</td>
<td>9</td>
<td>0</td>
<td>9</td>
</tr>
</tbody>
</table>

*Data for RCTC is based on the overall number of classrooms and labs.

**Underutilized Classrooms**

Out of 65 classrooms, 46 are utilized by RCTC less than 30%. These underutilized classrooms are spread across multiple campus buildings with the majority in East Hall, Endicott Hall and the Heintz Center.

**Underutilized Labs**

25 out of 44 labs are utilized by RCTC less than 30%. The majority of these underutilized labs are in the Heintz Center and Science & Technology Hall.

**Space Utilization Recommendations**

Strategically taking underutilized classrooms and labs offline has a positive impact on space utilization and opens the spaces for other future uses.

Improvements such as reconfiguration, technology updates, and right-sized furniture and equipment for remaining classrooms and labs will make the spaces more desirable to schedule.

**Stakeholder Feedback**

Stakeholder groups were established based on RCTC’s Academic Pathways and Programs, college functions, services, and student input.
Accounting, Business, and Office Administration
- More flexible furniture in classrooms (movable) to support student interactions
- Separate spaces to promote team building, networking, problem solving (ropes course, stand-up tables, etc).
- Relaxation or meditation rooms to promote mental health
- Alternative energy sources should be added to campus (wind, solar)
- Daily storage for student’s coats, books, etc.
- Cafeteria could be moved to promote more use.
- Atrium is both “sterile” and at times too loud

Agriculture Science and Natural Resources
- Year-round outdoor learning spaces should be developed (wetlands, nature trails, woodland restoration)
- More outdoor seating areas are needed
- Introduce dedicated conservation areas (less mowing, support wildlife, educational opportunities)
- SMART garden should remain, regardless of the status of Horticulture
- Veterinary Program spaces need additional sinks, storage for large equipment. Ideal would be a barn for large animals
- Biology labs furniture should be replaced (too low, ergonomic complaints from students)
- Support alternative energy
- Need a better connection between Heintz and the Main Building

Athletics
- Acknowledged as one of the best athletic facilities in the MN State system
- Use agreements can be challenging for after-hours use by RCTC (Fieldhouse)
- All-American Room - Currently used for Zoom classes, study area
- Athletes tend to stay in the Sports Center beyond practices
- Outdoor fields - concern for equitable amenities (lighting, concessions, restrooms) between softball and baseball
- Intramural Sports versus E-Sports
- City-wide athletics facility plan

Behavior, Education and Personal Services
- Early Childhood Education is challenged by not having a facility that accommodates children on site
- Having a child care facility on site could benefit student-parents, faculty, and students of the program.
- Designing the Early Childhood Education area from a Reggio approach could be a draw (naturalistic learning)
- Simulation area for teaching Behavioral Health, both in terms of technology and clinic space set-up
- Space is needed for continuing education, potentially up to 60 students
- Need workout rooms that are not dedicated to classes and programs - would provide a holistic wellness approach

Communication, Fine Arts, and Audio-Visual Technology
- Fine Art lacks a 3D studio space and existing art labs are overcrowded with poor HVAC
- Theater needs updating, both for aesthetics and electronic equipment (dimmers) and a better defined entry
- A black box theater is desired for different types of theatrical events (80-100 person capacity)
- Security is a concern for the art gallery (no doors)
- Older music practice rooms should be replaced with newer models (better lighting, acoustics, ventilation)
- A shared maker space could promote collaboration (robotics, sculpture)
- More study areas for students in all department areas

Community Leaders / Partners / Rochester Public Schools
- Longevity of lease agreements would be beneficial, both for athletics and academic partners
- Heintz Center is liked for Workforce Development because it’s easy to navigate and smaller than the Main Building. RCTC technology staff is very helpful
- Partnership Agreements are challenging. No formal agreement for WSU to invest capital dollars into RCTC
- A more continuous footprint for WSU is desired on RCTC’s campus. This is being studied as part of Winona State’s CFP
- C-Tech and P-Tech are growing rapidly and may need more space
- The laddering approach from C-Tech/P-Tech, RCTC, and WSU is appreciated, with the faculty working well together

**Construction, Technology, and Transportation**
- Programs will be impacted by the 2022 Bonding project if funding is received
- Automotive program is moving towards non-combustion engines, but needs new equipment, space to accommodate expanding instruction
- Welding needs storage to handle donated materials large enough for a full semester of instruction
- Students in these programs tend to not use lounge areas as they are in labs all day.
- Student storage needs should be accommodated without looking like a high school (lockers)
- Students need a small “one stop” at Heintz for financial aid / advisors
- More food service offerings would be nice, but might not be used

**Facilities Staff / Maintenance**
- Proper storage is a concern
- Heinz Center is on district steam, with backup heat provided by a 1983 boiler
- HVAC updates/upgrades are needed (VAVs, controls, fans)
- Skylight replacement is needed (2022 Bonding)
- Updates needed to alarm system (Main Building), air compressors, piping (Main Building)
- Interior and exterior lighting updates are needed (LEDs)

**Health and Healthcare Support Services**
- Nursing, Dental Hygiene, and Dental Assisting programs are full, with students turned away each semester
- The nursing program is feeling pressure to increase enrollment due to nursing shortages. Concern for staffing/space
- Additional, or new, simulation spaces would help instruction.
- Labs are crowded, with the situation negatively impacted by the pandemic (social distancing)
- More computers are needed at Heintz to support students between classes
- Student support services and additional seating areas are needed at Heintz
- A better connection between Heintz and the Main Building are needed

**Law Enforcement and Public Safety**
- Enrollment is down and the program is currently unsure of future direction (public views, changes in job expectations, P.O.S.T. board requirements)
- Rotating use of community spaces for skills training is challenging - changes yearly
- Traveling to other locations for skills is not ideal, loss of instruction time
- Workout area is needed in Heintz for program needs. Sports Center is too far and scheduling is problematic
- External garage is desired for equipment, vehicles
- Rotation of classroom instruction / labs is challenging. (Multiple labs/classes held concurrently with student rotating through)

**Liberal Arts / Transfer Pathways / STEM**
- Some concern about new MH classrooms (42 students, table not movable in some rooms, technology) but the spaces themselves are generally liked
- Faculty see benefits to both in-person classes, but see online remaining an option post-pandemic
- Student services feel disconnected
- Additional study areas are needed, with power for charging devices, taking online courses
- Student areas within faculty offices suites - some students feel intimidated to enter, others use them. Some concern from faculty about privacy
- Capture outdoor areas for use - walking paths, outdoor classes
- Addition of wind/solar on campus could bring in students; academic program opportunities?

**Student Services**
- Private testing space is needed (accommodation testing mostly, some placement testing)
- Student Life location (Main Building, not centralized)
- Increasing focus on mental health and impacts to Health Services
- General refresh needed for some areas (Student Services)
- Heintz Food Pantry: too small, hard to find
- Exterior spaces need improvement, acknowledgment of staffing issues
- Atrium is cold, not inviting, multi-function space

**Students, Student Senate, and Student Life**
- Additional quiet spaces (study, meditation, prayer)
- Meeting rooms for clubs needed. Dedicated and/or shared Audience: Students, Faculty, and/or Staff
- Difficult to find Student Life. Move to area with greater visibility (East Hall or near Atrium)
- Larger Hive Supply at both Heintz and Main Building
- Student Life spaces (meeting room, office) are needed for some clubs at Heintz
- Better wayfinding signage. Digital / Smart signage?
- Cafeteria: Busy on certain days at the lunch rush. Add mobile cart to bring food to students?
- Add athletic / workout space for non-athletes, possibly a pool / hot tub

**Technology**
- Computer labs are less utilized than in the past, but size reductions would depend on academic delivery model
- A laptop program and an improved fiber path between the two campuses is being considered
- Power spikes and brownouts have occurred during inclement weather; A power conditioning study may be needed
- Additional sim labs would have impacts for technology / systems (conduits, switches, etc)
- Working to standardize classroom technology
- Improved access control, additional cameras in some areas, LED emergency lighting
3.2 Building Data Sheets
Art Hall

Current Use
Classrooms focused on studio arts, offices

Building Condition Summary

Backlog
Plumbing Fixtures, Building Hard Exteriors, Built-in Equipment, HVAC Equipment

Projects Completed Since Last CFP
- Adjacent Plaza Hall was demolished. Former connection was infilled with a large window. Demolition also removed the "through classroom" circulation issue identified in the last CFP.

Issues
- Quantity of hard surfaces creates a loud space
- No separation of classrooms from adjacent spaces

Technology & Equipment
- Adequate, but should be on rotation for replacement.

Recommendations

Proposed Projects
- None

Potential Future Use
- No change in use proposed

B3 Data Analysis
This building is not submetered.

Space Utilization Summary

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Art Hall Space Use

Fourth Floor

Third Floor

Second Floor

**SPACE USE**
- Classroom
- Classroom Support
- Lab
- Lab Support
- Office
- Restroom
- Gathering
- Student Support
- Building Support
- Circulation
- Vertical Circulation
- Partner
Art Hall Utilization

**SPACE UTILIZATION**

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<td></td>
<td>60-84%</td>
<td>Light Blue</td>
</tr>
<tr>
<td></td>
<td>0-59%</td>
<td>Light Yellow</td>
</tr>
</tbody>
</table>

Note: percent based on a 32 hour week using Fall 2021 data
Art Hall

Art Classroom

Art Classroom

Upper Level Walkway

View from Fourth Floor

Storage Area

Art Classroom

Hallway to Art Hall
Atrium

Current Use
Classrooms, labs, student gathering, administration, main campus entrance

Building Condition Summary

Backlog
HVAC Controls and Instrumentation

Projects Completed Since Last CFP
− Bookstore relocation
− Roof replacement

Issues
− Large entry space can get loud and cold

Technology & Equipment
− Adequate but should be on rotation for replacement

Recommendations

Proposed Projects
− Renovate Tutoring and Learning Center on the third floor in conjunction with the Science and Technology Hall Renovation.
− Co-locate Learning Center with the Library in the Goddard Library building

Potential Future Use
− Science & Technology programs on the third floor

B3 Data Analysis
This building is not submetered.

Space Utilization Summary
There are no classrooms or labs in this building.
Atrium Space Use

Third Floor

Second Floor

First Floor

SPACE USE
- Classroom
- Classroom Support
- Lab
- Lab Support
- Office
- Restroom
- Gathering
- Student Support
- Building Support
- Circulation
- Vertical Circulation
Atrium

Student Lounge

Learning Center

Learning Center

Atrium Space

Atrium Space

Atrium Seating Area

3-16 Rochester Community and Technical College Comprehensive Facilities Plan
Coffman Hall

Current Use
Classrooms, labs, offices

Building Condition Summary
Backlog
HVAC Equipment, Distribution and Controls, Built-in equipment, Interior finishes, Building Exteriors, Plumbing Rough-in, Roofing, Electrical Equipment

Projects Completed Since Last CFP
- None

Issues
- General updating is needed

Technology & Equipment
- Adequate, but should be on rotation for replacement

Recommendations
Proposed Projects
- Roof Replacement (HEAPR)

Potential Future Use
- No change in use proposed

B3 Data Analysis
This building is not submetered.

Space Utilization Summary

<table>
<thead>
<tr>
<th>CLASSROOMS</th>
<th>LABS</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Rooms</td>
<td>3</td>
</tr>
<tr>
<td>Weekly room hrs available</td>
<td>96</td>
</tr>
<tr>
<td>Hrs used / week</td>
<td>52</td>
</tr>
<tr>
<td>Hrs used %</td>
<td>54.2%</td>
</tr>
<tr>
<td>Seat use %</td>
<td>Information not available.</td>
</tr>
</tbody>
</table>

Building Number E26148C0268
Year Built 1968, Renovated: 1989
Building Size (GSF) 18,686
Number of Floors 2
Current Replacement Value (000's) $7,889
Backlog (000's) $2,822
Facility Condition Index (FCI) 0.36, Fair
5-year Renewal Forecast (000's) $3,466
5-year FCI 0.44, Poor
Roof Type Ballasted Single-ply
Building Exterior Brick
Coffman Hall Utilization

Second Floor

First Floor

SPACE UTILIZATION

<table>
<thead>
<tr>
<th>Lab</th>
<th>Classroom</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>100+</td>
</tr>
<tr>
<td></td>
<td>85-99%</td>
</tr>
<tr>
<td></td>
<td>60-84%</td>
</tr>
<tr>
<td></td>
<td>0-59%</td>
</tr>
</tbody>
</table>

Note: percent based on a 32 hour week using Fall 2021 data
Coffman Hall

Security Office

Long Corridor

General Classroom

General Classroom

General Classroom

Internal entrance to Coffman Hall

February 20, 2023
College Center

Current Use
Classrooms, labs, student life, food service, art gallery, mail room

Building Condition Summary

Backlog

Projects Completed Since Last CFP
- Interior finish updates in cafeteria

Issues
- Student life area and food service is isolated and not on a typical path of travel for students

Technology & Equipment
- Dated food service (traditional cafeteria) operation
- Other technology should be on rotation for replacement.

Recommendations

Proposed Projects
- Renovations for Fine Arts program

Potential Future Use
- No change in use proposed

B3 Data Analysis
This building is not submetered.

Space Utilization Summary

<table>
<thead>
<tr>
<th></th>
<th>CLASSROOMS</th>
<th>LABS</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Rooms</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Weekly room hrs available</td>
<td>32</td>
<td>64</td>
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<td>Hrs used / week</td>
<td>4</td>
<td>8.6</td>
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<tr>
<td>Hrs used %</td>
<td>12.5%</td>
<td>13.4%</td>
</tr>
<tr>
<td>Seat use %</td>
<td>Information not available.</td>
<td></td>
</tr>
</tbody>
</table>
College Center Space Use

Second Floor

First Floor
College Center Utilization

First Floor

Second Floor

SPACE UTILIZATION

<table>
<thead>
<tr>
<th>Lab</th>
<th>Classroom</th>
</tr>
</thead>
<tbody>
<tr>
<td>100+</td>
<td></td>
</tr>
<tr>
<td>85-99%</td>
<td></td>
</tr>
<tr>
<td>60-84%</td>
<td></td>
</tr>
<tr>
<td>0-59%</td>
<td></td>
</tr>
</tbody>
</table>

Note: percent based on a 32 hour week using Fall 2021 data
College Center

Hallway

Art Gallery

Shipping / Receiving

Music Lab

Mixed Use Corridor

Food Service with Student Life Above

Student Life Offices

Hive Supply (Food Pantry)
### East Hall

**Current Use**
Classrooms, Offices

**Building Condition Summary**

**Backlog**
Building Exteriors, Built-in Equipment, Elevators, Electrical Equipment

**Projects Completed Since Last CFP**
- WSU offices have been relocated
- Water infiltration issues have been addressed

**Issues**
- Roofing

**Technology & Equipment**
- Adequate, but should be on rotation for replacement

**Recommendations**

**Proposed Projects**
- Student Resource & PTECH Renovations

**Potential Future Use**
- Increased use by PTECH program

**B3 Data Analysis**
This building is not submetered.

**Space Utilization Summary**

<table>
<thead>
<tr>
<th>CLASSROOMS</th>
<th>LABS</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Rooms</td>
<td>10</td>
</tr>
<tr>
<td>Weekly room hrs available</td>
<td>320</td>
</tr>
<tr>
<td>Hrs used / week</td>
<td>81.6</td>
</tr>
<tr>
<td>Hrs used %</td>
<td>25.5%</td>
</tr>
<tr>
<td>Seat use %</td>
<td>Information not available</td>
</tr>
</tbody>
</table>

**Building Number** E26148C1386

- **Year Built**: 1986
- **Building Size (GSF)**: 33,857
- **Number of Floors**: 2
- **Current Replacement Value (000’s)**: $14,294
- **Backlog (000’s)**: $879
- **Facility Condition Index (FCI)**: 0.06, Good
- **5-year FCI**: 0.23, Fair
- **5-year Renewal Forecast (000’s)**: $3,252
- **Roof Type**: Built-up Asphalt; Glass (greenhouse)
- **Building Exterior**: Brick

---

3-28 Rochester Community and Technical College Comprehensive Facilities Plan
East Hall Space Use

Second Floor

First Floor

SPACE USE
- Classroom
- Classroom Support
- Lab
- Lab Support
- Office
- Restroom
- Gathering
- Student Support
- Building Support
- Circulation
- Vertical Circulation
East Hall Utilization

**Space Utilization**

<table>
<thead>
<tr>
<th>Lab</th>
<th>Classroom</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Color Legend" /></td>
<td>100+</td>
</tr>
<tr>
<td><img src="image" alt="Color Legend" /></td>
<td>85-99%</td>
</tr>
<tr>
<td><img src="image" alt="Color Legend" /></td>
<td>60-84%</td>
</tr>
<tr>
<td><img src="image" alt="Color Legend" /></td>
<td>0-59%</td>
</tr>
</tbody>
</table>

Note: percent based on a 32 hour week using Fall 2021 data
East Hall

Corridor

College Marketing Office

IT Storage / Work Area

Corridor

P-Tech Offices

Roof visible from building corridor

EA265 Classroom
EA234 Classroom

Corridor
Endicott Hall

Current Use
Classrooms, labs, offices

Building Condition Summary

Backlog
Electrical Equipment, Building Exteriors, Built-in Equipment

Projects Completed Since Last CFP
- A large portion was renovated as part of the 2018 G.O. Bonding Project
- A large addition was added as part of the 2018 G.O. Bonding Project

Issues
- Note: Endicott Hall is not designated in the current room numbering system. Spaces are duplicative with Memorial Hall

Technology & Equipment
- Areas impacted by recent remodeling are sufficient. Should be put on a scheduled rotation to ensure equipment is up-to-date.

Recommendations

Proposed Projects
- None

Potential Future Use
- No change in use proposed

B3 Data Analysis
This building is not submetered.

Space Utilization Summary

<table>
<thead>
<tr>
<th></th>
<th>CLASSROOMS</th>
<th>LABS</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Rooms</td>
<td>9</td>
<td>3</td>
</tr>
<tr>
<td>Weekly room hrs available</td>
<td>288</td>
<td>96</td>
</tr>
<tr>
<td>Hrs used / week</td>
<td>48</td>
<td>25.5</td>
</tr>
<tr>
<td>Hrs used %</td>
<td>16.7%</td>
<td>26.6%</td>
</tr>
<tr>
<td>Seat use %</td>
<td>Information not available.</td>
<td></td>
</tr>
</tbody>
</table>

Building Number  E26148C0368
Year Built       1968, Renovated: 2019
Building Size (GSF) 19,279
Number of Floors  2
Current Replacement Value (000's) $8,139
Backlog (000's) $556
Facility Condition Index (FCI) 0.07, Good
5-year Renewal Forecast (000's) $1,523
5-year FCI 0.19, Fair
Roof Type        Ballasted Single-ply
Building Exterior Brick
Endicott Hall Space Use

Second Floor

First Floor
Endicott Hall Utilization

Second Floor

First Floor

3: BUILDING CONDITIONS

February 20, 2023
Endicott Hall

Endicott Hall Signage

Entry to Maintenance

Stair 19

M2411 Classroom

M2409 Classroom

M2409 Classroom

M2408 Classroom

Vestibule
Goddard Library

**Current Use**
Traditional library functions, Student One Stop (student services)

**Building Condition Summary**

**Backlog**
Roofing, Electrical Equipment, Building Exteriors

**Projects Completed Since Last CFP**
- Renovation of first floor to create a centralized location for student services
- A study has been commissioned to combine the Learning Center with the Library

**Issues**
- Library has been moving towards electronic media. Stack space may no longer be needed

**Technology & Equipment**
- Some equipment is dated while other is adequate.

**Recommendations**

**Proposed Projects**
- Co-locate Learning Center and Library

**Potential Future Use**
- No change in use proposed

**B3 Data Analysis**
This building is not submetered.

**Space Utilization Summary**
There are no classrooms or labs in this building.
Goddard Library Space Use

First Floor

Second Floor

Third Floor

SPACE USE
- Classroom
- Classroom Support
- Lab
- Lab Support
- Office
- Restroom
- Gathering
- Student Support
- Building Support
- Circulation
- Vertical Circulation

February 20, 2023
Goddard Library

Library Entrance

Study Area

Stacks

Stacks

Student One Stop Entrance

Technology Help Desk

Stairs to Third Floor

West Entrance, Used for Exit Only

3: BUILDING CONDITIONS

Rochester Community and Technical College Comprehensive Facilities Plan