

Gateway Community College
Southern CT State University
Public Utility Management
Programs
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CSCU Public Utility Management Programs

- Gateway Certificate of Achievement in Water Management
- Gateway A.S. Degree in Public Utility Management*
- SCSU B.S. Degree in Public Utility Management*



Source: environmental-expert.com

* Only Public Utility Management A.S. and B.S. Programs in America

Certificate of Achievement in Water Management

- Program is entering its 4th decade at the college
- Hundreds of water treatment plant and distribution system operators have been trained for water companies in Connecticut and other states
- Successful completion of the program qualifies graduates to take both the Class IV Water Treatment Operator and the Class III Water Distribution System Operator Association of Boards of Certification Examinations administered by the Drinking Water Section of the Connecticut Department of Public Health

Certificate of Achievement in Water Management

- Upon passing the CT DPH Class IV Water Treatment Operator and/or the Class III Water Distribution System Operator Certification Examinations, Operator-in-Training Certification is earned which becomes a regulator Certification once work experience requirements are met.
- The Water Management Program attracts people of many difference educational and career backgrounds ... **many already have a Bachelor's Degree.**



Source: grotonutilities.com

Certificate of Achievement in Water Management

Required Courses:

- CWM 106 Introduction to Utility Management
- ENV 110 Environmental Regulations
- WMT 101 Water Treatment and Distribution
- WMT 102 Special Topics in Water Treatment or*
- WMT 103 Special Topics in Water Distribution

*It is recommended that both courses be taken if both water treatment and water distribution certification is to be earned



Source: ctmirror.org

GCC A.S. Degree in PUM

- Program's creation was requested by Connecticut's drinking water, wastewater, natural gas and electric utilities.



Source: hartfordbusiness.com

- Students are prepared to enter the work force upon completion of an A.S. Degree in PUM, or,
- Transfers to four-year institutions including seamless transfer to the B.S. Program in PUM at Southern CT State University

GCC A.S. Degree in PUM

- Courses are offered both in classroom and Online modalities
- Recognizing the large geographic area served by the A.S. Degree in PUM Program, the entire program can be done remotely
- Practicing Industry experts hired as Adjunct Professors
- Residents of New England states other than Connecticut are eligible for tuition rates significantly less than regular out-of-state tuition (New England Board of Higher Education tuition rate)



Source: the guardian.com

GCC A.S. Degree in PUM

- **General Education Courses including:**
 - Statistics, Composition and Advanced Composition
- **Business Courses including:**
 - Economics, Spreadsheets/Data Bases, Accounting, Management, Communication, Ethics, Business Law
- **PUM Program Specific Courses including:**
 - Public Utility Management
 - Rates and Revenues
 - Asset and Infrastructure Management
 - Environmental Regulations
 - Customer Relations
- **Internships available**



Source:; [fortune.com](https://www.fortune.com)

Southern CT State University – B.S. Degree in Public Utility Management

Builds on the skills learned in Gateway's A.S. degree in Public Utility Management including required coursework in:

Applied Business Statistics

Corporate Finance

Organizational Behavior

Business Policy and Strategy

Principles of Marketing

Management and Organization

Human Resources Management

International Business

Business and Society

Applied Business Mathematics



Southern CT State University – A.S. Degree in Public Utility Management

Builds on the skills learned in Gateway's A.S. degree in Public Utility Management including elective coursework in:

Not-for-Profit and Government Accounting

Project Management

Geographic Information Systems

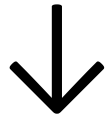
Team Managerial Skills

Internship

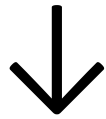


Seamless Transfers

Certificate of Achievement in
Water Management



A.S Degree in Public Utility Management



B.S. Degree in Public Utility
Management



The Concept of a New Joint GCC-SCSU Certificate of Achievement in Public Utility Management is Being Discussed



- Target audience is students who already have a Bachelor's degree and either already work for a public utility or would like to
- Joint effort of both Gateway Community College and Southern CT State University

Student with a Bachelor's Degree



Certificate of Achievement in Public Utility Management



Master of Business Administration

Gateway Community College



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THANKS

- CT Department of Public Health
- CT Department of Energy and Environmental Protection
- CT Section American Water Works Association
- CT Water Works Association
- New England Water Environment Association
- CT Power and Energy Society
- CT Association of Water Pollution Control Authorities
- CT Water Environment Association
- CT's Drinking Water, Wastewater, Natural Gas and Electric Public Utilities
- CT's Utility Consultants and Suppliers