



# MASTER OF ENGINEERING IN SYSTEMS ENGINEERING & TECHNOLOGY MANAGEMENT

DEPARTMENT OF GRADUATE & ONLINE PROGRAMS

## PROGRAM FACULTY

Lory Al Moakar, Ph.D.  
Associate Professor of  
Computer Science

James Brooks, Ph.D.  
Associate Professor of  
Electrical Engineering

Christy Crute, Ph.D.  
Executive Director  
Graduate & Online Programs,  
Professor of Business Analytics

Remi Draï, Ph.D.  
Associate Professor of Mathematics

Michelle McFeaters, D.B.A.  
Assistant Dean  
Calderwood School of Arts & Letters,  
Professor of Accounting

John D. Smith, D.B.A.  
Associate Professor of Management

## PROGRAM DESCRIPTION

Grove City College's 30-credit online Master of Engineering in Systems Engineering is designed to equip students to take on critical technical leadership positions in any industry and advance their careers. Systems engineering graduates are recruited to work in technical leadership roles across a wide variety of industries including software development, computer hardware engineering, academic positions, government and industrial research positions and system innovation or integration positions, component manufacturing positions, and system integration positions.

## M.ENG. IN SYSTEMS ENGINEERING AND TECHNOLOGY MANAGEMENT

- In this 30 credit hour program, you will develop the necessary skills to lead efforts to improve system processes.
- 100% online
- Full-time and part-time tracks available.
- Can be completed in 12 months.

## REQUIREMENTS

- Online application available December 1.
- Application fee.
- Official transcripts – Institution of record must electronically send official transcript to: GraduatePrograms@gcc.edu.
- Please consult the respective program at [www.gcc.edu/gradprograms](http://www.gcc.edu/gradprograms) for additional details.
- GRE (not required for 2021)

## ACCREDITATION

Grove City College's master's programs are accredited by the Middle States Commission on Higher Education, a voluntary, non-governmental, regional membership association currently serving higher education institutions in Delaware, the District of Columbia, Maryland, New Jersey, New York, Pennsylvania, Puerto Rico, the Virgin Islands, and other geographic areas in which the Commission conducts accrediting activities.

## COURSE ROTATION – FULL-TIME

<u>Late Summer</u> System Uncertainty Models	<u>Fall</u> Visualizing and Presenting Data Linear Optimization Foundations of System Engineering Decision Analysis	<u>Spring</u> System Simulation Forecasting Model Stochastic System Models Technical Program Management	<u>Early Summer</u> Project
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## COURSE ROTATION – PART-TIME

<u>Late Summer I</u> System Uncertainty Models	<u>Fall I</u> Linear Optimization Foundations of System Engineering	<u>Spring I</u> System Simulation Forecasting Model	<u>Fall II</u> Visualizing and Presenting Data Decision Analysis
<u>Spring II</u> Stochastic System Models Technical Program Management	<u>Early Summer II</u> Project		



## CONTACT

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Grove City College is a highly ranked, nationally recognized private liberal arts and sciences college that equips students to pursue their unique callings through an academically excellent and Christ-centered learning and living experience distinguished by a commitment to affordability and promotion of the Christian worldview, the foundations of a free society and the love of neighbor. Established in 1876, the College is a pioneer in independent private education and accepts no federal funds. It offers students degrees in 60 majors on a picturesque 180-acre campus north of Pittsburgh, Pa. Accredited by the Middle States Commission on Higher Education, Grove City College is routinely ranked as one of the country's top colleges by U.S. News & World Report, The Princeton Review and others based on academic quality and superior outcomes.