

Graduate Certificate in Systems Engineering

The Systems Engineering Certificate is designed for students who are pursuing education related to systems engineering and will: Apply systems thinking tools to engineering and operational problems; Employ systems engineering tools to different types of systems throughout their lifecycle; Interpret stakeholder requirements for use in system analysis and design; Perform quantitative analysis techniques to systems engineering problems.

Note: Certificate programs are not eligible for Title IV Federal Financial Aid unless taken as part of a degree program.

Systems Engineering

Certificate

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| SYSE 500 | Fundamentals of Systems Engineering | 3 |
| SYSE 530 | System Requirements Analysis and Modeling | 3 |
| SYSE 560 | Introduction to Systems Engineering Management | 3 |
| SYSE 610 | System Architecture Design and Modeling | 3 |
| Total Credits | | 12 |

Estimated Cost of Attendance

Students will:

- Apply systems thinking tools to engineering and operational problems.
- Employ systems engineering tools to different types of systems throughout their lifecycle.
- Interpret stakeholder requirements for use in system analysis and design.
- Perform quantitative analysis techniques to systems engineering problems.