NEW PROGRAMS FOR FALL 2021

Aerospace Engineering - M.S. and Ph.D.
The Master of Science and Ph.D. degrees in Aerospace Engineering provide an advanced theoretical and/or research-oriented curriculum with significant depth in aerospace-specific disciplines, beyond the general fundamentals of the engineering bachelor's degree.

The program will be offered at the Kent Campus.

Admission Requirements
- Bachelor's degree in aerospace engineering or a closely related area from an accredited college or university, for unconditional admissions.
- Minimum 3.000 undergraduate GPA (on a 4.000 point scale) for unconditional admissions.
- Official transcript(s)
- Three letters of recommendation
- English language proficiency - all international students must provide proof of English language proficiency (unless they meet specific exceptions) by earning one of the following:
  - Minimum 550 TOEFL PBT score (paper-based version)
  - Minimum 79 TOEFL IBT score (internet-based version)
  - Minimum 6.5 IELTS score
  - Minimum 58 PTE score
  - Minimum 110 Duolingo English score

Contact the College of Aeronautics and Engineering
330-672-2892
cae@kent.edu
www.kent.edu/cae

Artificial Intelligence - M.S.
The Master of Science degree in Artificial Intelligence prepares students with a focused educational and research environment to develop career paths through necessary learning and training with emerging artificial intelligence technologies and applications to intelligent analytics, smart homes and communities and robotics and automation. Graduates of the program will have technical knowledge and research and development skills necessary for applying artificial intelligence to industry, community and military, including sectors requiring intelligent pattern-analysis of big data such as retail, healthcare, biology, psychology and intelligent human-machine interactions and interfaces.

The program will be offered at the Kent Campus.

Admission Requirements
- Bachelor's degree from an accredited college or university, for unconditional admissions.
- Minimum 3.000 undergraduate GPA (on a 4.000 point scale) for unconditional admissions.
- Official transcript(s)
- Two letters of recommendation
- English language proficiency - all international students must provide proof of English language proficiency (unless they meet specific exceptions) by earning one of the following:
  - Minimum 525 TOEFL PBT score (paper-based version)
  - Minimum 71 TOEFL IBT score (internet-based version)
  - Minimum 74 MELAB score
  - Minimum 6.0 IELTS score
  - Minimum 50 PTE score
  - Minimum 100 Duolingo English score

Contact the College of Arts and Sciences
Department of Computer Science
330-672-9980
depsec@cs.kent.edu
www.kent.edu/cs

Cybersecurity - A.A.B.
The Associate of Applied Business degree in Cybersecurity provides students with an applied approach to information security concepts. With an ever-growing threat to sensitive and critical data in the field of information technology, understanding the impact of security issues on businesses and individuals is critical. The degree program gives students the tools they need to address current security issues including risk identification, security testing and monitoring, and enterprise risk management. Because the degree is built upon a solid knowledgebase, additional topics include networking, hardware and operating systems, Cisco networking technologies, cyber defense methods, cyber ethics, incident management and security policies.

The program will be offered fully online and hybrid online/on-ground at Ashtabula Campus, East Liverpool Campus, Geauga Campus, Salem Campus, Stark Campus, Trumbull Campus, Tuscarawas Campus and the Twinsburg Center.

Admission Requirements
- Freshman Students on the Regional Campuses: Kent State campuses at Ashtabula, East Liverpool, Geauga, Salem, Stark, Trumbull and Tuscarawas, as well as the Twinsburg Academic Center, have open enrollment admission for students who hold a high school diploma, GED or equivalent.
- English Language Proficiency Requirements for International Students: All international students must provide proof of English language proficiency (unless they meet specific exceptions) by earning a minimum 525 TOEFL score (71 on the Internet-based version), minimum 75 MELAB score, minimum 6.0 IELTS score, minimum 48 PTE score or minimum 100 DET score; or by completing the ESL level 112 Intensive Program. For more information on international admission, visit the Office of Global Education’s admission website.
- Transfer, Transitioning and Former Students: For more information about admission criteria for transfer, transitioning and former students, please visit the admissions website.

Contact the College of Applied and Technical Studies
cats@kent.edu
www.kent.edu/cats
Data Science - M.S.

The Master of Science degree in Data Science provides a focus on developing scientists who will understand the theories, methods and tools of data science and apply data science to solving research and workplace questions in the natural, health and social sciences for businesses and industries. Data science is an emerging STEM discipline founded on the principles of mathematics and the sciences and developed through a synthesis of mathematics and computer science. One may think of data science as a blending together of methods and ideas from analysis, statistics, databases, big data, artificial intelligence, numerical analysis, graph theory and visualization for the purposes of finding information in data and applying that information to solving real-world problems.

The program will be offered at the Kent Campus.

Admission Requirements

- Bachelor's degree from an accredited college or university, for unconditional admissions.
- Minimum 3.000 undergraduate GPA (on a 4.000 point scale) for unconditional admissions.
- Prerequisite mathematics and computer science courses
- Official transcript(s)
- Two letters of recommendation
- English language proficiency - all international students must provide proof of English language proficiency (unless they meet specific exceptions) by earning one of the following:
  - Minimum 525 TOEFL PBT score (paper-based version)
  - Minimum 71 TOEFL IBT score (internet-based version)
  - Minimum 74 MELAB score
  - Minimum 6.0 IELTS score
  - Minimum 50 PTE score
  - Minimum 100 Duolingo English score

1 Students entering the program are expected to have previously completed courses in linear algebra (equivalent to MATH 21001 or MATH 21002), statistics (equivalent to MATH 20011), advanced calculus (equivalent to MATH 22005), discrete mathematics/structures (equivalent to MATH 31011 or CS 23022), programming and data structures (equivalent to CS 23001) and database systems (equivalent to CS 33007). Applicants have not completed all the prerequisite courses may be admitted conditionally (based on a wholistic review of their application) until they complete the remaining courses being before beginning the program's coursework.

Contact the College of Arts and Sciences
Department of Computer Science
330-672-9980
depsec@cs.kent.edu
www.kent.edu/cs

Department of Mathematical Sciences
330-672-2430
math@math.kent.edu
www.kent.edu/math