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ABET Engineering Area Delegation and Board of Delegates Approves the Systems Engineering Program Criteria

SAN DIEGO (December 28, 2021) – The [International Council on Systems Engineering](#) (INCOSE) is excited to announce as of the 29th of October, the ABET Engineering Area Delegation and Board of Delegates has approved and accepted the Systems Engineering Program Criteria defined by INCOSE and six other professional societies and will implement these updates throughout 2022 and 2023. These criteria, developed by experienced engineering program evaluators representing ABET member societies, apply to all accredited systems engineering or similarly named programs and will help foster improvements to engineering education. This accreditation adds critical value to academic programs in technical disciplines where quality, precision, and safety are of the utmost importance.

INCOSE began its journey to achieve this accreditation in 2001 with John Clouet meeting with Wolt Fabrycky and Phil Brown; however, it was not a straightforward path. It would take 20 years, a couple of rejections, and the help of countless systems engineers between INCOSE and ABET to make it possible.

Art Pyster stated, “This is a real milestone in the discipline maturation. ABET has previously approved special criteria for more than two dozen other engineering disciplines such as biomedical, electrical, mechanical, and civil engineering. Systems engineering now takes its place beside them as a fully recognized academic discipline.”

About the International Council on Systems Engineering

The International Council on Systems Engineering (INCOSE) is a not-for-profit membership organization that promotes international collaboration in systems engineering practice, education and research. INCOSE’s mission is to “address complex societal and technical challenges by enabling, promoting and advancing systems engineering and systems approaches.” Founded in 1990, INCOSE has more than 70 chapters and over 17,000 members worldwide. For additional information about INCOSE visit www.incose.org. Become a [member](#) today.

About ABET

ABET is a nonprofit, non-governmental organization with ISO 9001:2015 certification. It began as the educational standard for licensed professional engineers in the United States. It accredits college and university programs worldwide, guaranteeing these programs meet quality standards to produce graduates who are prepared to enter the workforce. ABET’s program evaluators, commissioners, board members, and advisors include over 2,200 experts from industry, academia, and government. To learn more, visit <https://www.abet.org/about-abet/>.