
RSNA Press Release

RSNA Launches Advanced AI Certificate Course

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OAK BROOK, Ill. (January 18, 2023) — The Radiological Society of North America (RSNA) is launching a new artificial intelligence (AI) certificate course. Following a successful rollout of the RSNA Imaging AI Certificate Program in 2022, the new Advanced Certificate course is now available.

“RSNA is leading the way in radiology-specific AI education,” said course advisor Marta Heilbrun, M.D., M.S.C.I., associate medical director, imaging services: quality and patient safety at Intermountain Healthcare in Salt Lake City, Utah. “The new course builds on the proven success of the Foundational Certificate and represents the next step in the pathway for radiologists who want to learn to leverage AI for their practice and to advance their careers.”

The RSNA Imaging AI Advanced Certificate course is case-based and consists of seven modules featuring expert instructors that provide a deeper understanding of the steps involved in using AI algorithms in medical imaging.

The first module is scheduled for release mid-January. It will be available on-demand and will include independent, hands-on exercises to help participants practice and apply what they learn. Subsequent modules will be released monthly through July.

Learning objectives for the new course include a focus on preparing radiologists, physicists, data scientists and clinical researchers to evaluate the fairness of AI models across populations.

Course participants will also learn to interpret the AI lifecycle, beginning with training and test data curation through to Food and Drug Administration approval.

“With the advanced level, we will provide a detailed examination of the pitfalls of dataset curation, pre-processing and annotation our participants can expect when they are using AI in a clinical setting,” said course director Imon Banerjee, Ph.D., lead AI scientist at Mayo Clinic, Arizona.

The course curriculum will also help participants explore and recognize the impact of the regulatory environment affecting the use of AI in medical imaging and will look at the clinical AI marketplace and ethical considerations related to the delivery of AI in health care.

Before enrolling, course organizers suggest participants take a brief self-assessment survey to determine which certificate best suits their individual educational needs.

“The survey helps our learners find their best starting point—particularly those who have some familiarity with AI in medical imaging but are unsure about where they may be on the AI knowledge spectrum,” Dr. Heilbrun said. “For the most comprehensive understanding, we encourage participants to start with the Foundational Certificate.”

The self-assessment survey and enrollment information for the RSNA Imaging AI Certificate Program can be found at [RSNA.org/AI-Certificate](https://www.rsna.org/AI-Certificate).

RSNA is an association of radiologists, radiation oncologists, medical physicists and related scientists promoting excellence in patient care and health care delivery through education, research and technologic innovation. The Society is based in Oak Brook, Illinois. ([RSNA.org](https://www.rsna.org))