Welcome

Thank you for your interest in the Radiation Therapy Program. This degree track brings another strong addition to Ivy Tech's commitment to the growth of our Life Science initiatives through education and professional development.

The two year Radiation Therapy Program provides didactic and clinical education opportunities for individuals who enjoy significant patient interaction and close patient/professional relationships. Clinical practice occurs at our partnering medical centers and oncology clinics throughout Indiana.

To learn more about this exciting and promising career field and the two-year degree programs available through Ivy Tech Community College Bloomington, please contact me.

Your success is our success.
Best regards,

Larry Swafford, Ph.D., R.T.
Radiation Therapy
Program Chair & Professor

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Radiation Therapy Curriculum and Course Descriptions

Curriculum for Radiation Therapy varies based on the degree or certificate and is subject to change.

Visit us online at ivytech.edu/bloomington to find recommended course curriculum and course descriptions.

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200 Daniels Way
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Overview

Radiation therapy utilizes ionizing radiation in a strictly controlled environment to treat disease, primarily cancer. High-energy x-ray, gamma, proton and electron beams are common forms of ionizing radiation used. Ionizing radiation can be administered using external beam therapy or by placing a radioactive material directly into a body tissue or cavity. The ultimate goal of radiation therapy is to destroy all abnormal cells while sparing the surrounding normal tissue.

Radiation therapists are part of a multi-disciplinary cancer management team. They are responsible for accurately positioning the patient for treatment, equipment operation, quality assurance, and calculating the radiation dose to be delivered. Radiation therapists also have considerable responsibility for providing competent, concerned patient care. The therapist monitors patients throughout treatment, which often lasts several weeks.

Program Mission & Goals

To find program mission and goals, visit the Radiation Therapy program page online at: ivytech.edu/bloomington and click on Academics.

Accreditation

Ivy Tech Community College is accredited by the Higher Learning Commission - North Central Association of Colleges and Schools. The radiation therapy program is accredited by The Joint Review Committee on Education in Radiologic Technology, 20 North Wacker Dr. Suite 2850 Chicago, IL 60606-3182, 312-704-5300.

Graduates are eligible to sit for the ARRT national certification examination.

Radiation Therapy Degree

ASSOCIATE OF SCIENCE (AS) DEGREE

Two-year Associate of Science programs typically contain 40 percent or more general education, with the balance in technical and profession courses. The coursework provides students with a foundation for transfer to a related baccalaureate program at a four-year institution, and equips students with skills for the job market.

Careers in Radiation Therapy

• Radiation Therapist

Radiation therapists find employment in medical centers, research centers, and freestanding cancer centers. In addition, with experience, a radiation therapist may advance to administration, dosimetry, education, research, commercial sales or government agencies.