



FGCU AND ARTHREX PARTNER TO PREPARE STUDENTS TO WORK IN THE MEDICAL DEVICE INDUSTRY

Arthrex is a global medical device company that leads the industry in product development and medical education in orthopedics. With a corporate mission of Helping Surgeons Treat Their Patients Better™, Arthrex has pioneered the field of arthroscopy and minimally invasive orthopedics and develops thousands of innovative products and procedures each year.

Florida Gulf Coast University (FGCU), a regionally accredited, comprehensive state university, prepares students to excel and innovate and is a proud partner of Arthrex.

Through an innovative partnership, FGCU offers students a new course that provides insight into the medical device industry. This course will familiarize students with the fundamentals of the medical device industry and help them master the skills needed to start a career in the industry.

This elective course is open to ALL MAJORS and designed with medical device industry competencies by FGCU faculty and Arthrex experts. The course's goal is to help students to demonstrate their mastery of fundamental knowledge in the medical device industry and earn a Digital Badge that confirms this level of skill.

IHS3400 - MEDICAL DEVICE INDUSTRY

This course will provide an interdisciplinary overview of the medical device industry including, but not limited to, the healthcare marketplace, product development and management, examining the needs of healthcare and medical providers, regulations, innovation and other related concepts and applications.

Students will be able to demonstrate knowledge of:

1. The important components of the healthcare marketplace, including health systems, healthcare payers and federal healthcare policy.
2. Concepts and theories related to product development and management in the medical device industry through product life-cycle stages with concepts, planning, design, validation and post market.
3. The clinical and regulatory compliance requirements, including medical device quality system regulations in the product life-cycle and competitiveness by reducing time to market.
4. Orthopedic research and fundamentals of medical education necessary in the medical device industry.
5. Orthopedic anatomy, injuries, diseases and treatments.





HOW CAN YOU EARN A DIGITAL BADGE AT FGCU IN FUNDAMENTALS OF MEDICAL DEVICE INDUSTRY?

- 1. REGISTER** for the 3-credit **IHS3400 Medical Device Industry** course for **FALL 2022**
 - Study the course with industry leaders and experts
 - Field trips to hospitals, industry leader companies, and more
 - Master fundamental competencies in the medical device industry
- 2. (After completing the course) DEMONSTRATE** the mastery of competencies through passing the required badge assessments (*separate from the course grade*) and **EARN** a digital badge in Fundamentals of Medical Device Industry.
- 3. SHOWCASE** your achievement on your social media platforms.

WHAT IS A DIGITAL BADGE?

• **Badge** is a term used to describe a wide range of digital credentials related to knowledge, skills, abilities, competencies, accomplishments, and experiences (*International Council for Open and Distance Education - ICDE, 2019*).

• **In today's job market**, employers are looking for direct and clear evidence of skills and competencies when selecting candidates to fill position vacancies. When candidates include digital credentials on their resume and application, this enables employers to quickly identify and examine verified skills and competencies to assist in more effectively hiring the right people into the right jobs.

• **According to LinkedIn**, individuals with digital credentials get viewed six times more often than those without during the job application. Digital badges are an innovative way for students to communicate with prospective employers separate from the traditional transcripts and resume.



DIGITAL BADGES HELP YOU:

- ▶ Stand out to employers
- ▶ Focus on workplace relevant competencies
- ▶ Showcase your achievements
- ▶ Build your personal brand
- ▶ Grow your professional network
- ▶ Target specific job opportunities
- ▶ Market yourself for potential jobs
- ▶ Build confidence in job interviews while talking about your digital badges