Sports Product Design Courses

Courses

SPD 410. Experimental Course: [Topic]. 1-6 Credits. Repeatable.

SPD 410L. Experimental Course: [Topic]. 3 Credits. Repeatable.

SPD 415. Soft Goods Technologies. 4 Credits. An intensive, hands-on exploration of the technologies required toinnovate soft good products in the sports product design industry.

SPD 425. Digital Creation Technologies. 4 Credits. A fundamental course to learn the technologies used to define digital blueprints of sports products.

SPD 503. Thesis. 1-6 Credits. Repeatable.

SPD 510. Experimental Course: [Topic]. 1-6 Credits. Repeatable.

SPD 510L. Experimental Course: [Topic]. 3 Credits. Repeatable.

SPD 515. Soft Goods Technologies. 4 Credits. An intensive, hands-on exploration of the technologies required toinnovate soft good products in the sports product design industry.

SPD 525. Digital Creation Technologies. 4 Credits. A fundamental course to learn the technologies used to define digital blueprints of sports products.

SPD 603. Thesis. 1-6 Credits. Repeatable.

SPD 604. Internship: [Topic]. 1-6 Credits. Repeatable.

SPD 605. Special Problems: [Topic]. 1-12 Credits. Repeatable.

SPD 606. Practicum: [Topic]. 1-12 Credits. Repeatable.

SPD 608. Workshop: [Topic]. 1-16 Credits. Repeatable.

SPD 610. Experimental Course: [Topic]. 1-5 Credits. Repeatable.

SPD 645. Sports Product Design and Business. 4 Credits. SPD 645 focuses on the fundamental business theories used to create, market, and sell sports products.

SPD 650. Sports Product Materials and Manufacturing. 4 Credits. Explores the materials science, manufacturing, and sustainability theories applied in sports product design. Prereq: SPD 684.

SPD 684. Research Methodology and Innovation Process Studio. 6 Credits. Focuses on the design theories and methodologies used to designinnovative sports products.

SPD 685. Sports Product Design Studio I. 6 Credits. Explores the theories and creative problem-solving methods used to design solutions for sports soft goods. Theories of human thermoregulation, hydroprotection, support, aerodynamics, wearable technology, and kinematics. Prereq: SPD 684.


SPD 688. Innovative Project Strategy Development Studio. 9 Credits. First of a two-term capstone studio that examines the alignment of research, science, materials, and business theories to create aninnovative sports product design opportunity. Prereq: SPD 650, SPD 687.

SPD 689. Collaborative Creation and Launch Studio. 9 Credits. Second of a two-term capstone studio that critically examines thealignment of design, materials, science, research, and business theories to create aninnovative sports product design opportunity. Prereq: SPD 688.