

## **iAIM® Program - Certificate of Design, Construction & Renovation Syllabus**

### **Instructions**

To complete the iAIM – School of Certificate of Design, Construction & Renovation (CDCR) , Construction and Renovation Track, you must attend a 4-day school taught by industry professionals. This track is not conducive to being provided online.

For the benefit of those who would like to see what is offered and consider attending one of the upcoming iAIM schools, access to the folder containing the School of Design , Construction and Renovation Track.

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### **Syllabus for the Certificate of Design, Construction & Renovation Track**

#### Chapter Course

- 1 Ownership of Ice Arenas
- 2 Feasibility Study-Business Plan
- 3 Selection, Duties and Role of the Architect
- 4 Understanding Design Drawings
- 5 Selection, Duties and Role of Engineers
- 6 Selecting the Ice Plant, Floor and Refrigeration Company
- 7 Funding Ice Arena Projects
- 8 Specifications, Bid Documents & Contracts
- 9 Energy Efficiency in Facility Design
- 10 Heating, Ventilation, Air Conditioning & Dehumidification
- 11 Special Design and Engineering
- 12 Bidding and Construction Management Phase
- 13 Furniture, Fixtures & Equipment
- 14 Inspections and Project Close Out
- 15 Ice Paint and Water Quality
- 16 Warranties, As-Built Drawings and Occupancy
- 17 Dasher Boards, Glass and Netting
- 18 Dedication, Management and Programming