Record Nr. UNINA9910819029103321 **Titolo** Education of architects and engineers for careers in facility design and construction / / Board on Infrastructure and the Constructed Environment, Committee on Education of Facilities Design and **Construction Professionals** Pubbl/distr/stampa Washington, D.C., : National Academy Press, 1995 Descrizione fisica 1 online resource (viii, 78 pages) Altri autori (Persone) ReinschmidtKenneth F 720.7 Disciplina Soggetti Architecture - Study and teaching Engineering - Study and teaching Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Committee chair: Kenneth F. Reinschmidt. Funding for the project was provided through the following agreements between the indicated federal agency and the National Academy of Sciences: Department of State Contract No. 1030-270106; National Science Foundation Grant No. MSS-9203138, under master agreement 8618641; and U.S. Postal Service grant unnumbered. "This project was carried out under the technical program of the Federal Construction Council (FCC). The FCC is a continuing activity of the Building Research Board (BRB) which is a unit of the NRC Commission on Engineering and Technical Systems."--Verso. t.p. Nota di contenuto ""Education of Architects and Engineers for Careers in Facility Design and Construction""; ""Copyright""; ""Contents""; ""Executive Summary""; ""1 Introduction""; ""ORIGIN AND PURPOSE OF STUDY""; ""STUDY PROCEDURES""; ""SCOPE AND FOCUS OF THE REPORT""; ""ORGANIZATION OF THE REPORT""; ""2 Background Information""; ""CHARACTERISTICS OF THE U.S. DESIGN AND CONSTRUCTION INDUSTRY""; ""ROLE OF ARCHITECTS AND ENGINEERS IN THE DESIGN AND CONSTRUCTION PROCESS""; ""THE EDUCATIONAL SYSTEM FOR ARCHITECTS""; ""THE EDUCATIONAL SYSTEM FOR ENGINEERS"" ""3 Capabilities of Graduates of Architectural and Engineering Schools"" ""QUALITY OF GRADUATES' SKILLS""; ""Design""; ""Technology"";

""Teamwork""; ""Business Skills""; ""Communication""; ""Liberal Arts"";

""QUALITY OF EDUCATION""; ""Programs""; ""Teaching""; ""Research""; ""Methodology""; ""4 Conclusions, General Discussion, and Recommendations""; ""LEVEL OF SPECIFIC SKILLS""; ""Design""; ""Technology""; ""Teamwork""; ""Business Skills""; ""Communications""; ""Liberal Arts""; ""QUALITY OF EDUCATION""; ""Practice Versus Theory""; ""Research""; ""Curriculum""; ""RECOMMENDATIONS""
""References"" ""APPENDIX A Committee Statement of Task""; ""APPENDIX B The Educational System for Construction Managers""; ""APPENDIX C Biographical Sketches of Members of the Committee on Education of Facilities Design and Construction Professionals""