

## 1) Introduction

In Mexico it is important to generate intellectual property for the dissemination of science in different areas of software.

## 2) Justification

Production of Scientific and Technological Work Records is required for quality indicators in the country

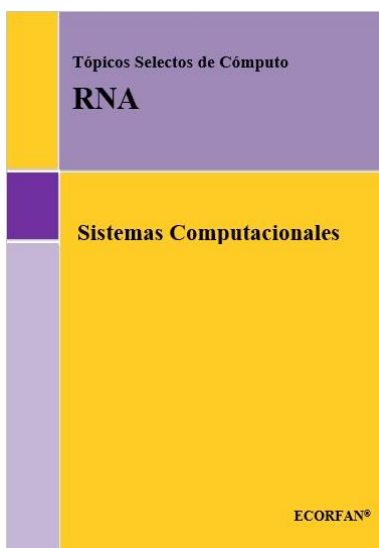
## 3) General Objective

Generate production of Works Certificates endorsed by the Secretary of Public Education in its following modalities:

### Selected Topics of Computing

RNA

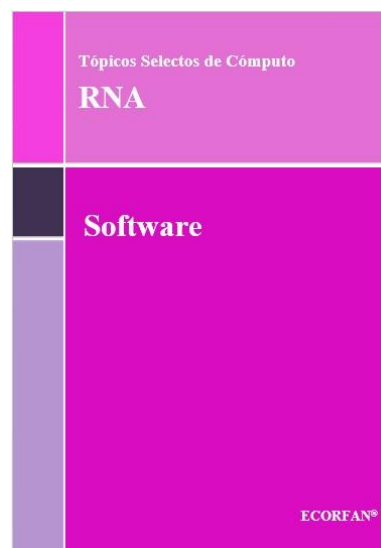
Computer systems



### Selected Topics of Computing

RNA

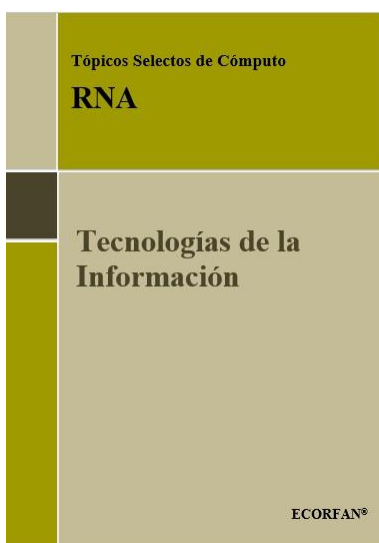
Software



### Selected Topics of Computing

RNA

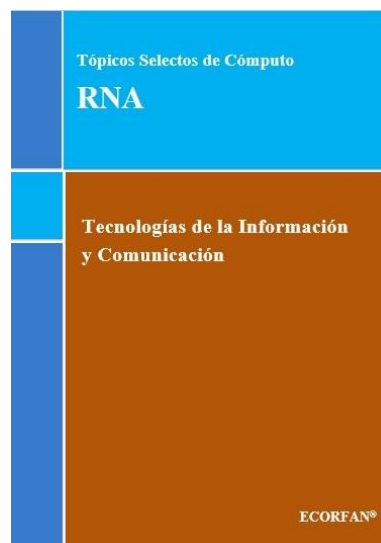
Information technology



### Selected Topics of Computing

RNA

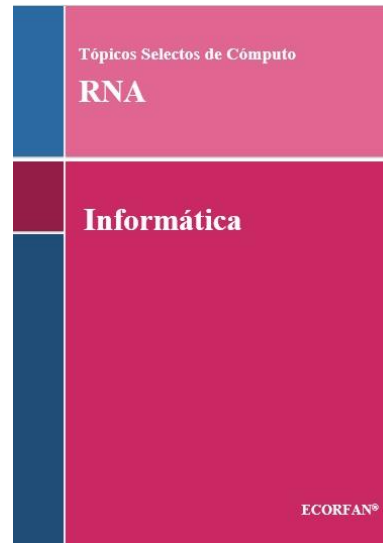
Information and communication technologies



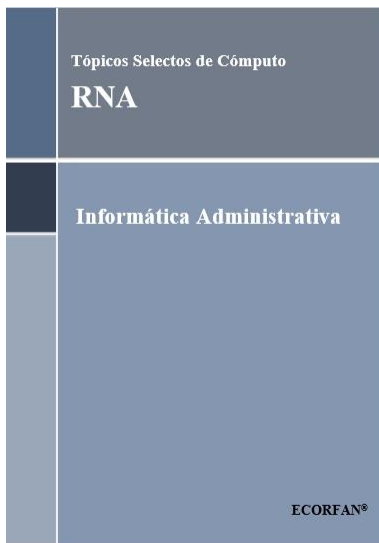
**Selected Topics of Computing**  
RNA  
Animation and visual effects



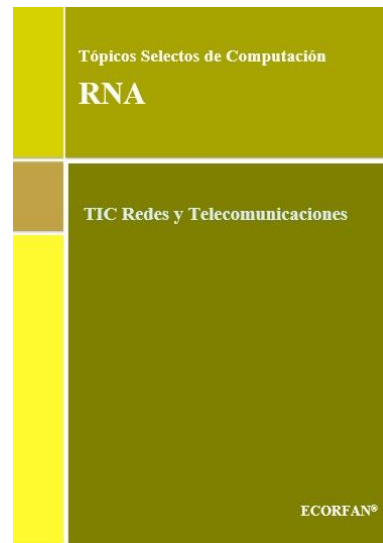
**Selected Topics of Computing**  
RNA  
Computing



**Selected Topics of Computing**  
RNA  
Administrative information



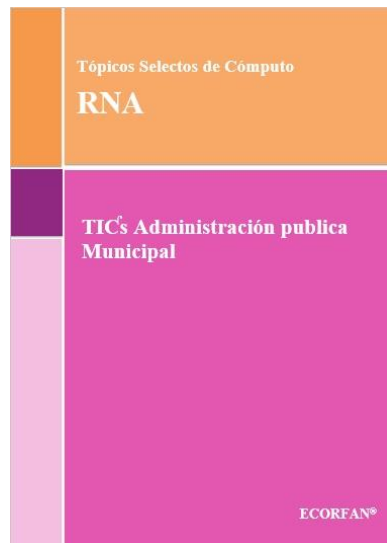
**Selected Topics of Computing**  
RNA  
ICT networks and telecommunications



## Selected Topics of Computing

RNA

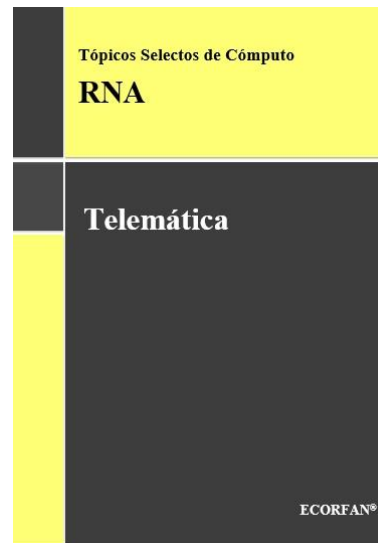
ICTs Municipal public administration



## Selected Topics of Computing

RNA

Telematics



### 4) Course Description

Request form.  
Digitized material  
Payment referencing.  
Issuance of Certificate.

### 5) Results

Generation of RNA-SEP-Copyrights.

### 6) Information Sources

- Blanquicett, L. A., Bonfante, M. C., & Acosta-Solano, J. (2018). Prácticas de Pruebas desde la Industria de Software. La Plataforma ASISTO como Caso de Estudio. Información tecnológica, 29(1), 11-18.
- Flórez-Acero, G. D., & Sierra-Marulanda, Ó. R. LA SINGULAR PROTECCIÓN DE PROGRAMAS DE COMPUTADOR O SOFTWARE POR PARTE DE LA PROPIEDAD INTELECTUAL. JUS, 31.
- García, A. O., & Sentí, V. E. (2018). La ingeniería de comportamiento en la evolución tecnológica de productos y sistemas de software. UCE Ciencia. Journal de postgrado, 6(1).
- Odonel, G. C., Nancy, P. P., & Grisel, P. G. TÍTULO: LA INFORMACIÓN DE PATENTES SUSTENTO DE INNOVACIÓN TECNOLÓGICA PARA EL POLO CIENTÍFICO-PRODUCTIVO DE VILLA CLARA.
- Oliveira, T. H. B. D. (2018). RiPLE-EM: a process to manage evolution in software product lines.

## 7) Material that will be used in the course

### Instructor

- Laptop
- Projector
- Board

### Assistance Group

- Computing Laboratory with Internet Access

## 8) Instructor

BA in Economics from the Universidad Latina, IT Specialist from College Coronet Hall, Specialist in Finance from the University of London, Master in Finance from the University of London, PhD in Economics from the Instituto Politécnico Nacional with a research stay at the University of Santiago de Compostela.

Scientific production in Canada, Colombia, Brazil, Spain, Bolivia, England and the United States, member of research groups at the Complutense University of Madrid, National University of Australia, the National University of Colombia, the University of San Francisco Xavier, the Instituto Politécnico Nacional and the University of the Santa Elena Peninsula for the areas of fractal modeling in the sectors of economic activity.

Production of intellectual property of more than 200 titles in economics and applied mathematics, book chapters, production of software and books, national and international conferences.

Editor of indexed and refereed journals in Mexico, Spain, Ecuador, Bolivia, Republic of the Congo, Peru, El Salvador, Colombia, Cameroon, Nicaragua, Paraguay, Guatemala, Taiwan and Western Sahara.

CEO of ECORFAN-MEXICO, S.C. and their respective Clusters, RINOE in applied research of Economic Science according to the International JEL in Iran - Pakistan - Taiwan - Chile and Western Sahara regarding PIREQA for the ludic teaching of Languages according to the United Nations in Germany - Czech Republic - China - France - Japan-England -Russia-Italy and Portugal finally MARVID for Scientific Arbitration with registration RENIECYT of CONACYT.