

# **Roads Advanced Study Course CESROUTE 2008 - 2009**

## **Estimated program**

[link to 2008 International Seminars of ENPC](#)

**First module**  
*Initiating and developing a  
shared culture*  
**september 8<sup>th</sup> – november 25<sup>th</sup>, 2008**

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### **september 8<sup>th</sup>-12<sup>th</sup>, 2008** **Introduction week**

- Welcoming session
- Administrative steps (Egide)
- Introduction and objectives of CESROUTE
- Visits of ISTED and ENPC

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### **September 15<sup>th</sup> – 26<sup>th</sup>, 2008** **Project economic assessment**

- Theoretical framework
- Basics of private and public economic calculation
- Costs and benefits of a project in a global economic balance sheet
- Case study
- Opinion of international donors
- Economic evaluation and decision process

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### **September 29<sup>th</sup> - October 10<sup>th</sup>, 2008** **Road maintenance and its management**

- Programming and execution
- Institutional organization
- Management of road maintenance
- Maintenance financing
- Softwares and road maintenance
- Technical visit

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### **october 13<sup>th</sup>-17<sup>th</sup>, 2008** **Visits and personal project**

- Institutional and technical visits (part 1)
- Choice and introduction of tutors

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### **october 20<sup>th</sup>- 31<sup>th</sup>, 2008** **Computer tools and road management**

- Road management
- The data bank
- Assessment, choice of a policy, planning a road and a bridge network
- Use of a databank
- Data collection
- Computer management of a road network

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### **november 3<sup>rd</sup>-10<sup>th</sup>, 2008** **Visits and personal project**

- Institutional and technical visits (part 1)
- Choice and introduction of tutors

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### **november 12<sup>th</sup>- 25<sup>th</sup>, 2008** **Road safety**

- Road safety concepts
- Action on road users
- Basic actions : diagnosis and evaluation
- Road safety and improvements
- Road safety management

**Cycle d'Etudes  
Supérieures Route -  
CESROUTE**

**ISTED – Institut des  
Sciences et des  
Techniques de  
l'Équipement et de  
l'environnement pour  
le Développement**

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Mis à jour le 03/04/2008

**Second module**  
**In-depth training, completion and**  
**presentation of the personal project**  
**avril 14<sup>th</sup> – june 5<sup>th</sup>, 2009**

**avril 14<sup>th</sup>-24<sup>th</sup>, 2009**  
**Project management**

- Main marketing analysis tools for infrastructure markets
- Marketing strategies, methods of analysis of the different stakeholders' strategies
- Team management, Management of complex relationship situations

**avril 27<sup>th</sup>-may 7<sup>th</sup>, 2009**  
**Environmental assessment studies**

- Basic definitions
- Application of the legal framework
- Site diagnosis
- Impact analysis
- Choice of significant aspects to focus on
- Contracting with the consultant
- The role of EAS in the analysis of technical alternatives
- Evaluation criteria and validation of EAS
- Introduction to the method of impact studies on the basis of African studies
- Role of donors, of NGO's and the Ministry of Environment
- EAS : a tool for identification and enhancement of the socio-economic specificities
- EAS : tool of knowledge and protection of the fauna and the flora
- GIS and teledetection
- Indicators and definition of useful criteria
- Following up the environmental studies and making an environmental appraisal

**may 11<sup>th</sup>-15<sup>th</sup>, 2009**  
**According to personal project**  
**individual program**

- Meetings with tutors
- Technical and institutional visits

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**may 18<sup>th</sup>-29<sup>th</sup>, 2009**  
***As preferred :***

**personal project**

*or*

**Traffic management and road**  
**operation – traffic engineering**

- Traffic engineering principles
- Data collection
- Traffic information
- Road operation in peripheral urban areas
- Roadsigns contribution
- Traffic engineering in inter-urban and urban areas
- Technical visit
- Assessment and diagnosis

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**june 1<sup>st</sup>-5<sup>th</sup>, 2009**

- Completion of the personal project
- Presentation of the personal projects
- Training appraisal

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**Distribution of CESROUTE certificates**

[link to ENPC International Seminars](#)

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