School of Civil & Environmental Engineering MEng Proposal Form – **Transportation Systems**
(a new form must be submitted when changes are made)

NAME: _____ ADVISOR: _____ DATE: _____

			Year	Year	
		Cr.	**Fall**	**Spr.**	**Comments**
PROJECT COURSES (minimum of 3 credits) [1]					
CEE 5061	Project (Fall)				
CEE 5062	Project (Spring)				

		Cr.	**Fall**	**Spr.**	**Comments**
TRANSPORTATION CORE COURSES (4 required)[2]					

		Cr.	**Fall**	**Spr.**	**Comments**
SUPPORTING ELECTIVES (5 required)[3]					

		Cr.	**Fall**	**Spr.**	**Comments**
SEMINARS (Indicate if Participatory or Non-Participatory)[4]					

		Cr.	**Fall**	**Spr.**	**Comments**
ALL OTHER COURSES					

Total Credits for <u>all</u> Fall & Spring Courses[5] _____ _____

TOTAL <u>M.Eng.</u> PROGRAM CREDIT HOURS: _____ (must equal or exceed 30)

APPROVALS: Advisor _____ Date _____

M.Eng. Chair _____ Date _____

See notes on back. Updated proposals should identify what changes were made and why.

NOTES:

[1] A project of at least 3 credits is required. In some cases, specific projects may be defined whose scope justifies more than 3 credits.

[2] Transportation Systems courses include CEE 4630 Transportation and Information Technology, CEE 4640 Transportation Systems Design, CEE 6860 Civil Infrastructure Systems, and CEE 6650 Environment/Energy and Transportation Planning. CEE 6065 Special Topics in Transportation can be used to pursue an independent study on a particular transportation topic if you and your advisor agree that this is appropriate. The selection of appropriate transportation core courses will depend on your background, and will be determined in discussion with your advisor.

[3] Supporting electives should be selected from one or more related areas. Typical areas include Operations Research, Economics, City and Regional Planning, Johnson School of Management, and other areas of CEE. Some commonly chosen courses include:

AEM 4170 Decision Models for Small and Large Businesses
AEM 4320 Public Private Sector Economics Linkages
AEM 4330 Devolution, Privatization, & the New Public Management

CEE 5290 Heuristic Methods for Optimization
CEE 5800 Project Management
CEE 5970 Risk Analysis and Management
CEE 6930 Public Systems Modeling

CRP 5080 Introduction to Geographic Information Systems
CRP 5190 Urban Theory and Spatial Development
CRP 5520 Land Use Planning

ECON 3540 Economics of Regulation
ECON 6090 Microeconomic Theory I

NBA 6410 Business Logistics and Management

ORIE 5300 Optimization I
ORIE 5310 Optimization II
ORIE 5510 Introduction to Stochastic Processes
ORIE 4580 Monte Carlo Simulation

[4] Credit for seminars count toward the MEng degree only if the format of the seminar is "participatory" (i.e. requires more than attendance).

[5] All courses should be listed whether or not they count in the MEng program. No more than 20 credits per semester (MEng and non-MEng) may be taken except by petition to the College Master of Engineering Committee.