

VIRGINIA TECH
LAND DEVELOPMENT DESIGN INTEREST

RECOMMENDED ELECTIVES from the
GENERAL CIVIL ENGINEERING TRACK
June 23, 2006

Students with an interest in Land Development Design should select 18 credits of CEE technical electives from this list. These electives must be selected such that they meet criteria 1 – 4 as listed on the General Civil Engineering Track checksheet.

LAND DEVELOPMENT DESIGN GROUP - Take all three.

Credits

CEE 4204	CAD Applications in CEE	3
CEE 4274	Land Development Design--(Design Project)	3
CEE 4334	Hydraulic Structures	3

ENVIRONMENTAL AND WATER RESOURCE ENGINEERING - Must take at least one.

CEE 4304	Hydrology	3
OR		
CEE 4354	Environmental Hydrology	3

TRANSPORTATION INFRASTRUCTURE AND SYSTEMS ENGINEERING -Must take at least one.

CEE 4604	Traffic Engineering	3
OR		
CEE 4654	Geometric Design Highways	3

CONSTRUCTION ENGINEERING

CEE 4014	Estimating, Production and Cost Engineering -- (Design Project)	3
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