

LANSING COMMUNITY COLLEGE			
Computer, Engineering/Manufacturing Industrial Technologies			
Curriculum Code: 0834 (Effective Fall 2017 – Summer 2022)	Geographic Information Systems C.A. Pathway		
Semester I	Course Title	Prerequisites	Credit/ Billing Hours
Program of Study Requirements			
CIVL 101	Civil Drafting	None	3 / 5
GRET 100	GIS Principles & Applications	None	3 / 4
GRET 210	Global Positioning Systems	None	3 / 4
Credits			9 / 13
Semester II	Course Title	Prerequisites	Credit/ Billing Hours
Program of Study Requirements			
CITA 133	Microsoft Access Database	Reading Level 4	3 / 3
GRET 110	Beginning ArcGIS Desktop	Reading Level 3 and Math Level 4	3 / 5
GRET 240	Cartography in GIS	Minimum 2.0 in (GRET 110 (previously GRET 255) or concurrently) and Reading Level 3 and Math Level 4	3 / 4
Credits			9 / 12
Semester III	Course Title	Prerequisites	Credit/ Billing Hours
Program of Study Requirements			
GRET 120	Advanced ArcGIS	Minimum 2.0 in GRET 110 (previously GRET 255) and Reading Level 3 and Math Level 4	3 / 5
GRET 271	Parcel Mapping	Minimum 2.0 in GRET 110 (previously GRET 255) and Reading Level 3 and Writing Level 2 and Math Level 4	3 / 5
Credits			6 / 10

Semester IV	Course Title	Prerequisites	Credit/ Billing Hours
Program of Study Requirements			
GRET 241	Remote Sens/AirPhoto Interpret	Minimum 2.0 in GRET 110 (previously GRET 255) and Reading Level 3 and Math Level 4	3 / 4
GRET 275	GIS Proj Mgmt & Implementation	Department Approval	3 / 4
Credits			6 / 8
Total Credits			30 / 43