



Water Quality Technology - Academic Planner

Associate of Applied Science Degree: 10-527-2

Campus: ONLINE

Curriculum for 2011-2012

10/19/2010

Program Advisor: _____

Entrance Assessment Scores	ACT	Accuplacer
Assessment Areas		
English/Sentence Skills	16	76
Reading/Reading Comprehension	16	67
Math/Arithmetic	16	64

✓	T/G	Course		Title	Hours / Week			Total Hours	Credits	Prerequisites and/or Corequisites	Typically Offered			Comments
		Subj	Num		Lec	Lab	Other				S	F	SP	
Institutional Requirements:														
		890	125	Student Success - take 1st term							x	x	x	
		103	159	Computer Literacy - Advanced Standing or take 1st term							x	x	x	
		890	130	Career Development - take 3rd term							x	x	x	
Term 1:														
New Program Students: Attend New Student Orientation and your Priority Registration Session														
	T	103	165	Exploring Internet - Client Software	1			18	1			x	x	
	T	527	100	Introduction to Wastewater Treatment	3			54	3	Completion of or concurrent enrollment in 103-159 Computer Literacy; 103-165 Exploring Internet-Client Software		x	x	Former title: Introduction to Treatment Processes
	T	527	130	Groundwater Supply and Distribution	3			54	3	Completion of or concurrent enrollment in 103-159 Computer Literacy; 103-165 Exploring Internet-Client Software		x	x	Former title: Water Supply
	G	801	195	Written Communication	3			54	3		x	x	x	
	G	804	107	College Mathematics	3			54	3		x	x	x	
				Total 1st Term Credits					13					
Term 2:														
	T	527	103	Conventional Wastewater Treatment	3			54	3	Completion of or concurrent enrollment in 527-100 Introduction to Wastewater Treatment; 527-111 Water Chemistry				x Former title: Treatment Processes 1
	T	527	111	Water Chemistry	4			72	4	527-100 Introduction to Wastewater Treatment; 527-130 Groundwater Supply and Distribution; 804-106 Introduction to College Mathematics or 804-107 College Mathematics				x
	T	527	131	Surface Water Supply and Treatment	3			54	3	Completion of or concurrent enrollment in 527-111 Water Chemistry; 527-130 Groundwater Supply and Distribution				x Former title: Water Supply 2
	G	801	196	Oral/Interpersonal Communication (or)	3			54	3		x	x	x	
	G	801	197	Technical Reporting						801-195 Written Communication				x x
	G	809	166	Intro to Ethics: Theory & Application	3			54	3		x	x	x	
				Total 2nd Term Credits					16					

✓	T/G	Course		Title	Hours / Week			Total		Prerequisites and/or Corequisites	Typically Offered			Comments
		Subj	Num		Lec	Lab	Other	Hours	Credits		S	F	SP	
Term 3:											S	F	SP	
	T	527	105	Advanced Wastewater Treatment Processes	4			72	4	Completion of or concurrent enrollment in 527-100 Introduction to Wastewater Treatment; 527-111 Water Chemistry; 527-130 Groundwater Supply and Distribution; 804-106 Introduction to College Mathematics or 804-107 College Mathematics		x		Former title: Treatment Proceses 2
	T	527	120	Hydraulics of Water and Wastewater	3			54	3	801-195 Written Communication		x		
	G	809	195	Economics	3			54	3		x	x	x	
	G	809	198	Intro to Psychology (or)	3			54	3		x	x	x	
	G	809	199	Psychology of Human Relations							x	x	x	
				Total 3rd Term Credits					13					Recommend 3 credit elective be taken during Term 3
Term 4:											S	F	SP	
				Apply for Graduation										
	T	527	171	Water Quality Internship*				216	3	527-100 Intro to Wastewater Treatment; 527-103 Conventional Wastewater Treatment; 527-130 Groundwater Supply & Distribution	x			Typically offered only in summer. May be taken in the summer prior to Term 4 or after Term 4.
	T	196	191	Supervision	3			54	3			x	x	
	T	527	125	Industrial Wastes	3			54	3	527-100 Introduction to Wastewater Treatment; 527-103 Conventional Wastewater Treatment			x	
	T	527	136	Equipment Maintenance and Instrumentation	4			72	4	527-100 Introduction to Wastewater Treatment; 527-111 Water Chemistry; 527-130 Groundwater Supply and Distribution			x	New course: Replaces 527-108 Treatment Plant Instrumentation and 527-135 Process Equipment Maintenance
	T	527	150	Advanced Water Treatment	3			54	3	527-100 Introduction to Wastewater Treatment; 527-111 Water Chemistry; 527-130 Groundwater Supply and Distribution; 527-131 Surface Water Supply and Treatment			x	
	G	809	196	Intro to Sociology	3			54	3	801-195 Written Communication	x	x	x	
				Total 4th Term Credits					19					
				Additional Credits of Electives Required					3					
				Total Program Credits					64					
*The Water Quality Internship includes an exit assessment which is a graduation requirement for the program.														

T/G: T - Technical Studies course; G - General Studies course

Semester Codes: S-Summer; F-Fall; SP-Spring

Curriculum and program acceptance requirements are subject to change.

If Student Success Center or General College courses (ie: 831-103 Intro to College Writing, 838-104 Intro to College Reading, 834-109 Pre-Algebra) are required based on college placement; or if the student elects part-time enrollment, the time required to complete the program will increase.

For a complete list of course descriptions for this program, please consult the College Catalog at <http://www.morainepark.edu/MPTCCatalog>.

Suggested Elective: _____