

**ENVIRONMENTAL ENGINEERING
COURSE EQUIVALENTS
2018 EDITION**

<i>University of Alberta</i>		<i>University of Calgary</i>	
18-ENV-A1 CIV E 221	Principles of Environmental Engineering Environmental Engineering Fundamentals	ENCI 481 OR ENEN 603	Environmental Engineering I Principles of Environmental Engineering
18-ENV-A2 ENV E 320 AND ENV E 421	Hydrology and Municipal Hydraulics Engineering Environmental Hydrology Municipal Systems	ENCI 510 AND ENCI 402	Engineering Hydrology Hydraulics
18-ENV-A3 ENV E 434 AND CIV E 681	Geotechnical and Hydrogeological Engineering Environmental Geotechnics Seepage and Drainage	ENCI 423 AND GLGY 401	Geotechnical Engineering I Physical Hydrogeology
18-Env-A4 ENV E 325 AND ENV E 324	Water and Wastewater Engineering Chemical and Physical Processes Biological Processes	ENCI 581 OR ENEN 695	Environmental Engineering II Water and Wastewater Pollution, Treatment, and Control
18-ENV-A5 ENV E 423	Air Quality and Pollution Control Engineering Principles of Air Quality Management and Control	ENEN 623 AND ENCH 643	Air Dispersion Modelling Air Pollution Control Engineering
18-ENV-A6 ENV E 432	Solid Waste Engineering and Management Solid Waste Management	ENEN 651	Advanced Topics in Solid Waste Engineering
18-ENV-B1 ENV E 302 AND ENV E 322	Environmental Assessment and Management Systems Environmental Impact Assessment Environmental Protection	ENME 678 OR ENEE 501	Environmental Impact and Regulatory Matters: Pollution Prevention and Control for Energy Industry
18-ENV-B2 CIV E 431	Water Resources <i>Water Resources Engineering</i>		<i>No Course Equivalent Offered</i>
18-ENV-B3 EAS 425	Containment Transport Contaminant Hydrogeology	ENEN 627 OR ENEN 616	Contaminant Transport Environmental Fluid Mechanics
18-ENV-B4 CIV E 526	Site Assessment and Remediation Soil Remediation	ENEN 653	Contaminated Soil Remediation
18-ENV-B5	Industrial & Hazardous Waste Management No Course Equivalent	ENEN 655	Hazardous Waste and Contaminated Sites Management
18-ENV-B6	Agricultural Waste Management <i>No Course Equivalent Offered</i>		<i>No Course Equivalent Offered</i>

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18-ENV-B7	Environmental Sampling and Analysis		
CIV E 620	Environmental Engineering Measurements I		<i>No Course Equivalent Offered</i>
AND			
CIV E 627	Environmental Engineering Measurements II		
18-ENV-B8	Instrumentation and Process Control		
CHE 446	Process Dynamics and Control	ENCH 429	Process Dynamics and Control
		OR	
		ENME 585	Control Systems
18-ENV-B9	Environmental Chemistry Microbiology		
ENV E 220	Environmental Chemistry for Engineering	ENEN 605	Environmental Chemistry and Microbiology
AND			
ENV E 324	Biological Processes		

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