



Canadian Society for Medical Laboratory Science
Société canadienne de science de laboratoire médical

ASSESSED COURSE LIST

Canadian Society for Medical Laboratory Science

October 2024

csmls.org
scslm.org

Introduction

This list contains a cumulative listing of home study and live courses submitted to CSMLS for evaluation and are eligible to be used in the Professional Enhancement Program (PEP) and Continuing Professional Studies (CPS) program. **This is not a listing of available courses.** If you require specific course details, you must contact the course provider directly. CSMLS does not keep course details on other provider's courses.

If you wish to use a course for CPS or PEP credit which is not listed, it will need to be submitted for evaluation. An application form may be obtained from the CSMLS office, or on www.csmls.org.

For more information on PEP and CPS see the Rules and Regulations for each process. Rules and Regulations are available at www.csmls.org.

To assist you in identifying disciplines listed, the following is provided:

AM = Administration or Management

CC = Clinical Chemistry

CG = Cytogenetics

CM = Clinical Microbiology

CY = Cytology

EM = Electron Microscopy

HE = Hematology

HI = Histotechnology

IH = Transfusion Science

IM = Immunology

ID = Interdisciplinary

MY = Mycology

VI = Virology

If you have any questions, please do not hesitate to contact, Learning Services at 1.800.263.8277 ext. 8698, 905.667.8698, or coned@csmls.org.

Assessed Course List

October 2024

Provider	CSMLS #Code	Course Name	Credits	PEP Hrs
Accreditation Canada Diagnostics	5370.21 ID	Protection From Risk - Practical Solutions	0.4	6.5
Accreditation Canada Diagnostics	5369-19 ID	A New Outlook on Internal Auditing	0.51	9
Accreditation Canada Diagnostics	5368.21 ID	Say What You Do: Document Development and Control	0.4	6
Accreditation Canada Diagnostics	5355-21 ID	Quality Management Blueprint for Laboratory and Diagnostic Imaging Leaders	0.57	8.5
AACC	5365-22 ID	Point of Care Specialist	1	15
APICS	5309-16 ID	Strategic Management of Resources	1.6	31
Athabasca University	5337-20 ID	Organization of Canadian Health Care HADM 339	2.2	33
CACMLE	5267-15 HE	Alpha Thalassemia (#272)	0	3
CACMLE	5264-15 HE	Beta Thalassemias (#273)	0	3
CACMLE	5262-15 HE	Non-Alpha & Non-Beta Thalassemic Syndromes (#274)	0	3
CACMLE	5258-14 CC	HbA1c: Clinical Laboratory Utilization for Diabetes Mellitus Testing (#261)	0	2
CACMLE	5257-14 CC	The Antiphospholipid Syndrome (#260)	0	2
CACMLE	5256-14 CM	Competency Assessment in the Clinical Microbiology Lab (#278)	0	1.5
CACMLE	5246-14 CC	Identification of Protein Abnormalities by Electrophoresis & Immunochemical Methods (#259)	0	1.5
CACMLE	5244-14 CC	Iron: The Body's Most Precious Metal (#246)	0.3	5
CACMLE	5241-14 CM	"Ask the Experts" (#269)	0	1
CACMLE	5240-14 CM	You Want Me to Culture What? Challenging Requests for Culture in the Clinical Micro Lab (#268)	0	1
CACMLE	5239-14 CM	Valley Fever: The Elephant in the Room (#267)	0	1
CACMLE	5238-14 CM	Post-Analytical Benefits of the Automated Clinical Microbiology Laboratory (#266)	0	1
CACMLE	5237-14 CM	Competency Assessment in the Clinical Microbiology Laboratory (#265)	0	1
CACMLE	5236-14 CM	Urine is Not Sterile: Implications for the Clinical Microbiology Laboratory (#264)	0	1
CACMLE	5235-14 CM	2014 Updates & Recommendations from the CLSI for Antimicrobial Susceptibility Testing (AST) & Reporting (#263)	0	1
CACMLE	5234-14 CM	Cost-effective Anaerobic Bacteriology: Using an Algorithm-based Approach (#262)	0	1
CACMLE	5233-14 CM	Total Laboratory Automation in the Clinical Microbiology Laboratory (#261)	0	1
CACMLE	5232-14 CM	Building a Better Algorithm for Working-up Nontuberculous Mycobacteria (NTM) (#260)	0	1
CACMLE	5231-14 CM	User-Friendly" Techniques to Identify Resistance Mechanisms in Gram- Negative Bacilli (4 webinar sessions)	0	4
Canadian Hospital Associatio CMPT	5321-18 AM 5266-15 CM	Managing and Leading People ME:07 CMPT Professional Development Course (all modules)	1.63 1.6	25.75 24
CSMLS	7007.23 ID	Laboratory Safety 6: Equipment Safety, Waste Disposal & Security in the	0	8.5
CSMLS	7006.23 ID	Laboratory Safety 5: Ventilation, Personal Protective Equipment & Emer	0	14
CSMLS	7005.23 ID	Laboratory Safety 4: Ergonomic, Psychological & Reproductive	0	8.5
CSMLS	7004.23 ID	Laboratory Safety 3: Chemical and Physical Hazards in the Lab	0	16.5

October 2024

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CSMLS	7003.23	ID	Laboratory Safety 2: Biosafety in the Lab	0	16.5
CSMLS	7002.23	ID	Laboratory Safety 1: Occupational Health & Safety Management Systems	0	12.5
CSMLS	5314-18	ID	Introduction to Basic Electrocardiography (ECG)	0	16.5
CSMLS	5181-20	CC	Interpretations in Clinical Chemistry	0	21
CSMLS	5119-20	CM	Infection Prevention and Control	0	21
CSMLS	4889-19	HI	Microanatomy 2	1.5	23
CSMLS	4988-19	HI	Microanatomy 1	1.5	23
CSMLS	4919-17	ID	Laboratory Safety 4: Management of Occupational Health & Safety in the Laboratory	1.2	18
CSMLS	4918-18	ID	Laboratory Safety 3: Special Subjects in Laboratory Safety	0	15
CSMLS	4917-18	ID	Laboratory Safety 2: Chemical and Physical Hazards	0	15
CSMLS	4916-16	ID	Laboratory Safety 1: Introduction, Overview, General Occupational Hygiene and Biosafety	0	16
CSMLS	4880-17	ID	Instructional System Design (ISD) and Adult Learning	2.5	38
CSMLS	4879-18	CM	Anaerobic Bacteriology Part 2	0.8	20
CSMLS	4878-20	CM	Anaerobic Bacteriology Part 1	0	17
CSMLS	4670-21	ID	Quality Systems for the Clinical Laboratory 3 (Implementation)	3.4	48
CSMLS	4670-14	ID	Quality Systems Part III	3	48
CSMLS	4669-21	ID	Quality Systems for the Clinical Laboratory 2 (Planning/Design)	2.4	48
CSMLS	4669-14	ID	Quality Systems for the Clinical Laboratory: Part II (Planning/Design)	3	48
CSMLS	4668-21	ID	Quality Systems for the Clinical Laboratory 1 (Introduction)	3.2	48
CSMLS	4658-21	ID	Introduction to Ethics and Professionalism for Medical Laboratory Science	0.88	22
CSMLS	4658-15	ID	Introduction to Ethics & Professionalism for Medical Laboratory Science	1	22
CSMLS	4521-20	ID	Introduction to Point-of-Care Testing	0.6	10
CSMLS	4336-20	IH	Transfusion Medicine Refresher Course	0	45
CSMLS	4192-18	CM	Microbiology Through the Microscope	2	37
CSMLS	4129-16	IH	Problem-Based Learning in Transfusion Medicine	3	45
CSMLS	9909-19	HI	Introduction to Immunohistochemistry: Principles & Overview	1.6	16.5
CSMLS	9909-14	HI	Introduction to Immunohistochemistry (IHC)	0.7	15.5
CSMLS	9908-22	CC	Clinical Significance of Sodium & Potassium in Blood	0	20
CSMLS	9908-14	CC	Clinical Significance of Sodium & Potassium in Blood	0	20.5
CSMLS	9907-14	HE	Identification and Description of Erythrocyte Morphology	0	11
CSMLS	9902-23	CC	Vitamin D	0	13
CSMLS	9900-21	PA	<i>Toxoplasma Gondii</i> and <i>Toxoplasmosis</i>	0	5.5
CSMLS	9897-18	CC	Natriuretic Peptides and Heart Disease	0.96	19.5
CSMLS	9896-18	IH	Improve Your Skills in Identification of Blood Group Allo Antibodies	0	16.5
CSMLS	9894-18	HI	Connective Tissue	0	12
CSMLS	9893-18	HI	Fixation Practices	0	10
CSMLS	9892-15	HE	Heparin Induced Thrombocytopenia (HIT)	0	12.5
CSMLS	9889-20	PA	Medical Parasitology: Trematodes of the Intestinal & Urogenital Tracts	0.5	7.5
CSMLS	9888-21	PA	Medical Parasitology: Nematodes of the Intestinal & Urogenital Tracts	0	7.5

Provider	CSMLS #Code	Course Name	Credits	PEP Hrs
CSMLS	9887-20 PA	Medical Parasitology: Cestodes of the Intestinal Tract	0	6.5
CSMLS	9882-23 IH	Transfusion Related Acute Lung Injury (TRALI) 2023	0.36	5.5
CSMLS	9882-15 IH	Transfusion Related Acute Lung Injury (TRALI) 2015	0	2.5
CSMLS	1080-17 CC	Les aspects de l'alcoolisme en laboratoire	0.9	17.6
CSMLS	9880-17 CC	Laboratory Aspects of Alcoholism	0.9	17.6
CSMLS	1079-17 ID	Pourquoi les médecins commandent des analyses de labo	1	20.5
CSMLS	9879-17 ID	Why Physicians Order Laboratory Tests	1	20.5
CSMLS	1078-16 HE	Gestion des résultats qualitatifs fallacieux en hématologie	1.1	16
CSMLS	9878-16 HE	Managing Spurious Qualitative Results in Hematology	1.1	16
CSMLS	9877-15 CC	Ischemia Modified Albumin	0	6.5
CSMLS	9876-15 IM	Laboratory Tests for Celiac Disease	0.55	11
CSMLS	9875-15 HE	Erythrocyte Sedimentation Rate	0	10.5
CSMLS	9873-23 HE	C-Reactive Protein (CRP)	0	13
CSMLS	9873-14 HE	C-Reactive Protein (CRP)	0.6	12
CSMLS	9872-15 HE	Rheumatoid Arthritis- A Guide to the Clinical & Lab Aspects	0	16
CSMLS	9871-18 IM	Plasma Cell Dyscrasias - Myeloma	0.8	20.5
CSMLS	9870-23 CM	Creutzfeldt-Jakob Disease (CJD)	1.2	18
CSMLS	9870-15 CM	Creutzfeldt-Jakob Disease (CJD)	0.9	18
CSMLS	9869-18 HE	Monocytes and Macrophages	0.64	15.8
CSMLS	9866-16 CC	Non-Protein Nitrogen	0	11
CSMLS	9864-14 HE	Case Studies: Patients with Platelet Disorders - Series Two	1	16
CSMLS	9863-14 HE	Case Studies: Patients with Platelet Disorders - Series One	1	16
CSMLS	1062-17 CC	Les aspects du diabète en laboratoire	0	15.5
CSMLS	9862-17 CC	Laboratory Aspects of Diabetes	0	15.5
CSMLS	9860-18 IH	Hemolytic Disease of the Fetus and Newborn	0	15
CSMLS	9857-16 IH	Serological Challenges in Pretransfusion Compatibility Testing	0	13
CSMLS	9856-15 IH	Plasma Fractions	0.43	16
CSMLS	9853-17 HE	Cytokines - The Interleukins	1.7	25.5
CSMLS	9850-18 IM	Immunology - Antigens	0	20
CSMLS	9848-18 IM	Monoclonal Antibodies: Theory & Production	0	15.5
CSMLS	9847-18 ID	Body Fluids: Seminal Fluid	0	16.5
CSMLS	9841-15 HE	Fibrinolysis	0	16
CSMLS	9840-18 IH	Genetics for Blood Bankers	0.77	14.5
CSMLS	9837-23 CC	Enzymology 2	0	12
CSMLS	9838-15 CC	Enzymology: Part II (2015 version)	0	11
CSMLS	9837-23 CC	Enzymology 1	0	12
CSMLS	9837-15 CC	Enzymology: Part I (2015 version)	0	11
CSMLS	9835-18 IH	ABO Discrepancies: A Systematic Approach	0	16.45
CSMLS	1035-18 IH	Discordances ABO : une approche systématique	0	16.45
CSMLS	9834-17 IH	Routine and "Not-So-Routine" Methods in Transfusion Science	0	11.5
CSMLS	9833-18 HE	Organs of the Lymphoid System	0	16.5
CSMLS	9831-18 CM	<i>Enterobacteriaceae</i> - Media and Identification Tests	0	8.5
CSMLS	1030-18 CM	<i>Enterobacteriaceae</i> (français)	0	8.5
CSMLS	9830-18 CM	<i>Enterobacteriaceae</i>	0	8.5
CSMLS	9829-16 HE	Leukocytes: Measurement of Neutrophil Function	1	15
CSMLS	9828-20 CM	Miscellaneous Gram-Positive Rods	0	10.5
CSMLS	9824-14 IM	Human Immunodeficient Virus (HIV)	0	11.45
CSMLS	9823-15 IM	Human T-Cell Lymphotropic Virus (HTLV)	0.6	11
CSMLS	9822-18 HI	Paraffin Tissue Processing	0	10
CSMLS	9821-21 CM	<i>Neisseria</i> and <i>Moraxella</i>	0	10.3
CSMLS	9820-21 CM	Fastidious Gram Negative Bacilli	0.40	11

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CSMLS	9819-18 ID	Body Fluids: Synovial Fluids	0	16
CSMLS	9818-16 HE	Hemolytic Anemias	0	15
CSMLS	9817-18 HE	Introduction to Platelet Structure and Function	0.8	13.5
CSMLS	9816-18 HI	Hematoxylin and Eosin (H&E) Stain	0.5	11.5
CSMLS	9815-22 HI	Theory and Mechanisms of Histopathological Staining	0	12.5
CSMLS	9815-14 HI	Theory and Mechanism of Staining	1	12
CSMLS	1014-21 CM	Streptococci (français)	0	10
CSMLS	9814-21 CM	<i>Streptococci</i>	0	10
CSMLS	9813-11 CM	<i>Staphylococci</i> (français)	0	10.8
CSMLS	9813-11 CM	<i>Staphylococci</i>	0	11
CSMLS	9812-17 IH	Overview of Common Blood Group Systems	0	15.45
CSMLS	9811-24 IH	Clinical Indications of Blood Components (2024 version)	0.66	11
CSMLS	9811-16 IH	Clinical Indications of Blood Components	0	10
CSMLS	9809-24 IH	Adverse Effects of Blood Transfusion (2024 version)	0	15
CSMLS	9809-17 IH	Adverse Effects of Blood Transfusion	0	11.5
CSMLS	9806-16 IM	Proteins, Antibodies and Immunoglobulins	0.7	10.5
CSMLS	1004-18 ID	Liquides organiques: liquide céphalorachidien	0	21
CSMLS	9804-18 ID	Body Fluids: Cerebrospinal Fluid (CSF)	0	21
Diagnostic Services Manitoba	5243-14 CY	The Bethesda System for Reporting Thyroid Cytopathology	0	2
Institute for Healthcare Improvement	5323-18 ID	Patient Safety PS101-PS202	0.7	10.5
Institute for Healthcare Improvement	5325-19 ID	Quality Improvement QI 101-QI 201	0.5	9.5
Memorial University	5373-22 id	Adult Learning and Development ED6802	2.16	42
Memorial University	5372-23 ID	Foundations of Instructional Design ED6822	2.8	42
Memorial University	5371-23 ID	Advanced Human Resources Communications ED6805	2.8	42
Memorial University	5354-22 ID	Research Designs and Methods in Education ED 6100	0	42
Memorial University	5353-22 ID	Research in Post-Secondary Education ED 6803	2.5	42
Memorial University	5352-22 ID	Foundations of Post-Secondary Programmes	2.8	42
Memorial University	5351-22 ID	Interprofessional Education in the Health Professions	2.8	42
Ontario Tech University	5380-24 ID	Introductory Interprofessional Education for Medical Lab Professionals IEML 1000C	0.5	7.5
Ontario Tech University	5379-24 ID	Interprofessional Communication IEML 1030C	0.6	15
Ontario Tech University	5378-24 ID	Collaborative Leadership IEML 1050C	1	15
Ontario Tech University	5377-24 ID	Cultural Humility and Indigenous Peoples IEML 1060C	0	15
Ontario Tech University	5376-24 ID	Team Functioning IEML 1020C	1	15
Ontario Tech University	5375-24 ID	Interprofessional Conflict Resolution IEML 1040C	1	15
Ontario Tech University	5374-24 ID	Role Clarification IEML 1010C	1	15
Queens University	4364-23 ID	Infection Prevention and Control (IPAC) Professional Development	5.36	109.25
Red River College	5326-19 AM	Management Principles 1 MGMT-1161	5.2	92
Red River College	5322-18 ID	Excel 2016 COMP 1237	2.7	40
Red River College	5313-14 ID	Human Resource Management HUMR 3003	3.9	58
Red River College	5312-17 ID	Human Behaviour in Organizations HUMR 1019	0	40
Red River College	5311-13 ID	Project Management Fundamentals PROJ 1030	2.35	42.3

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Red River College	5263-15 ID	Training and Development HUMR-1063	0	26
Siemens Healthineers	5288-16 ID	The Goldmines at your Fingertips (LDPOC6)	0	1
Siemens Healthineers	5287-16 ID	Clinical and Diagnostic Overview of HIV Infection (LDPOC4)	0	1
Siemens Healthineers	5286-16 ID	Evaluation of Urine Flow Cytometry as a Method to Screen Urines Prior to Culture (LDPOC3)	0	1
Siemens Healthineers	5285-16 ID	Ensuring the Quality and Cost Effectiveness of Point-of-Care Testing (LDPOC2)	0	1
Siemens Healthineers	5284-16 ID	Laboratory Utilization and the Value of Laboratory Medicine (LDPOC1)	0	1
Stenberg College/DSM	5289-16 ID	EKG Technician Certification Program	0	113
Thompson Rivers University	5339-17 ID	Employee and Labour Relations HRMN 3841	3	45
UBC - POLQM	5367-23 ID	UBC POLQM Laboratory Quality Conference	0	14.23
UBC - POLQM	5366-23 CM	Antimicrobial Susceptibility Testing and Interpretation	4.1	82
UBC Pathology & Lab Medicine	5360-23 ID	ISO 15189:2022: Standard for Medical Laboratories	0.6	9.5
UBC Dept of Pathology & Lab Medicine	5093-16 ID	POLQM Fall Conference - Customer Satisfaction and the Medical Laboratory	0	3.75
UBC Dept of Pathology & Lab Medicine	5093-15 ID	Laboratory Quality Management Conference 2015	1	14.75
UBC Dept of Pathology & Laboratory Medicine	4611-21 ID	UBC Certificate Course in Laboratory Quality Management	15.8	237
UBC Dept of Pathology & Laboratory Medicine	4611-14 ID	UBC Certificate Course in Laboratory Quality Management	13.3	222
Université Laval	5348-15 AM	Projet synthèse	0	41
Université Laval	5347-15 AM	Développement des compétences dans l'organisation	3	55
Université Laval	5346-16 AM	Intelligence émotionnelle au travail	3	55
Université Laval	5345-14 AM	La personne et le changement	3	55
Université Laval	5344-14 AM	La personne et la négociation	3	55
Université Laval	5343-15 AM	La personne et l'équipe de travail	3	55
Université Laval	5341-16 AM	Management de projet dans l'organisation	4	66.5
Université Laval	5340-16 AM	Mobilisation de ses employés	3	55
University of British Columbia	5253-14 ID	Experimental Medicine Methodology MEDI 502	0	32
University of Edinburgh	5282-14 ID	Dissertation (Clinical Education) MEED11021	7	105
University of Edinburgh	5282-14 ID	Policy , Leadership, Management & Evaluation 11020	7.4	111
University of Edinburgh	5281-14 ID	Appraisal & Developing the Individual MEED11018	2	32
University of Edinburgh	5280-14 ID	Research in Clinical Education MEED11017	2	32
University of Guelph	5279-15 ID	Principles of Disease PATH 3610	0	34
University of Guelph	5278-15 ID	Ecology BIOL 2060DE	1.8	31
University of Guelph	5274-15 ID	Principles of Pharmacology BIOM 3090DE	3.4	30.8
University of Guelph	5270-14 ID	Mammalian Physiology BIOM 3200	5.6	112
University of Manitoba	5363-22 ID	Quality Improvement: Principles and Procedures MGMT 0192	1.6	36
University of Manitoba	5356-21 CM	Clinical Parasitology MMIC 7140	2	38
University of New Brunswick	5338-20 ID	Human Resources Management ADM 2815	0	34.5
University of New Brunswick	5336-19 ID	Health Care Ethics PHIL 3207	0	30
University of New Brunswick	5335-20 AM	Leadership Foundations RCLP 1001	0	0.6
University of New Brunswick	5247-14 ID	Health and Safety Program Basics COHS 3110	2.3	35
Univ of Ont Institute of Tech	5334-18 ID	Research Practicum I HLSC 4998U	5.87	88

Provider	CSMLS #Code	Course Name	Credits	PEP Hrs
Univ of Ont Institute of Tech	5349-19 ID	Quality and Performance Management in Health Care	2.3	44
Univ of Ont Institute of Tech	5333-19 ID	Issues in Women's Health HLSC 3421U	2.4	36
Univ of Ont Institute of Tech	5332-18 ID	Interdisciplinary Collaboration HLSC 4820U	0	33
Univ of Ont Institute of Tech	5331-18 ID	Research Methods for Health Care Professionals HLSC 3190U	0	40
Univ of Ont Institute of Tech	5330-18 ID	Impacts of Science & Technology on Society SSCI 1470U	0	2.2
Univ of Ont Institute of Tech	5329-18 ID	Health & Indigenous Peoples in Canada HLSC 3823U	0	33.2
Univ of Ont Institute of Tech	5328-19 ID	Research Practicum II HLSC 4999U	0	83
Univ of Ont Institute of Tech	5327-19 ID	Models in Teaching EDUC 4700U	2.5	38
Univ of Ont Institute of Tech	5315-17 ID	Health Policy & Process HLSC-3631U	2.4	36
Univ of Ont Institute of Tech	5304-16 ID	Public Health I HLSC-3820U	1.97	40
Univ of Ont Institute of Tech	5302-17 ID	Perspectives in Aging HLSC-4807U	2.4	36
Univ of Ont Institute of Tech	5301-16 ID	Social Determinants of Health HLSC-1881U	2.1	39
Univ of Ont Institute of Tech	5300-17 ID	Introduction to Epidemiology HLSC-3805U	2.9	44
Univ of Ont Institute of Tech	5299-17 ID	Ethics HLSC-3710	1.9	34
Univ of Ont Institute of Tech	5298-17 ID	Critical Appraisal of Statistics in Health Science HLSC3800	0	30
Univ of Ont Institute of Tech	5297-15 ID	Academic Writing Perspectives in Health HLSC-1701	3	46
Univ of Ont Institute of Tech	5296-15 ID	Mathematical Reasoning in Health Science HLSC-2700	1.9	47
Univ of Ont Institute of Tech	5294-16 ID	Creating Digital Tools AEDT-3140	2.4	36
Univ of Ont Institute of Tech	5294-17 ID	Introduction to Health Management HLSC-2601	2.5	41
Univ of Ont Institute of Tech	5293-16 ID	Intro to the Canadian Healthcare System HLSC-2802	0	37
University of Waterloo	5277-15 ID	Biology of Ageing SCI 255	2	36
University of Waterloo	5276-15 ID	Introduction to Academic Writing ENGL 109	2.5	37
University of Waterloo	5275-15 ID	Cell Biology BIOL 130	1.8	36
University of Windsor	4359-19 CG	Introductory Molecular Biology BIOM 2033	0	39
University of Windsor	5362-22 ID	Introduction to Forensic Science FRSC 2007	0	10.9
University of Windsor	5361-22 ID	Introductory Crime Scene Investigation FRSC 1107	0	6.3
University of Windsor	5358-20 CG	Molecular Cell Biology BIOM 3500	0	39
University of Windsor	5357-19 CM	Medical Microbiology BIOL 3070	0	39
University of Windsor	5350-14 ID	Molecular Cell Biology 55-350/BIOL 350	1.22	27
University of Windsor	5292-16 CG	Genetics 03-55-212	4.6	77