

# Academic Master Planning Advisory Group

## Learning Environment & Technology - Analysis Framework



\*\*DRAFT Ver 1.0\*\*

<p style="text-align: center;"><b>Student Type – Persona Dimensions</b></p> <ul style="list-style-type: none"> <li>• Applicable Demographics</li> <li>• Learning Goal / Objective / Motivation <ul style="list-style-type: none"> <li>○ Degree, Credential, Career Advancement, Certification, Acquire skill, ...</li> </ul> </li> <li>• Education Status <ul style="list-style-type: none"> <li>○ Credits or credential(s) earned</li> </ul> </li> <li>• Previous education performance</li> <li>• Employment Status <ul style="list-style-type: none"> <li>○ No, P/T, F/T, military</li> </ul> </li> <li>• Employment Experience(s) <ul style="list-style-type: none"> <li>○ Type and years</li> </ul> </li> <li>• Preferred learning modality and pace</li> <li>• Geographic location</li> <li>• Digital Experience and Expectations <ul style="list-style-type: none"> <li>○ Technology literacy</li> </ul> </li> </ul>	<p style="text-align: center;"><b>Learning Modality / Environment</b></p> <p>Face-to-Face</p> <ul style="list-style-type: none"> <li>• Classroom/lab</li> </ul> <p>Online</p> <ul style="list-style-type: none"> <li>• 100% asynchronous</li> <li>• 100% synchronous;</li> <li>• flexible - f2f/synch/asynch</li> <li>• asynchronous with f2f component</li> </ul> <p>Extended Reality</p> <ul style="list-style-type: none"> <li>• virtual lab/classroom</li> <li>• augmented</li> <li>• mixed</li> </ul> <p>eLearning</p> <ul style="list-style-type: none"> <li>• 100% asynchronous; self-directed</li> </ul> <p>Simulcast</p> <ul style="list-style-type: none"> <li>• Two or more f2f locations</li> </ul> <p>Learner Interface Device</p> <ul style="list-style-type: none"> <li>• Screen, laptop, tablet, phone, ...</li> </ul>
<p style="text-align: center;"><b>Learning / Instructional Technologies</b></p> <ul style="list-style-type: none"> <li>• Learning Management System / Plug-ins</li> <li>• Physical Classroom/lab technology</li> <li>• eLearning development applications</li> <li>• Artificial Intelligence Tools / Apps</li> <li>• Virtual classroom/lab technologies</li> <li>• Extended Reality</li> <li>• Software applications</li> <li>• Research support</li> </ul>	<p style="text-align: center;"><b>Instructor Support / Training</b></p> <ul style="list-style-type: none"> <li>• Pedagogy</li> <li>• Learning theory</li> <li>• Technology</li> <li>• Accessibility</li> <li>• Course design based on modality/timeframe</li> </ul> <p style="text-align: center;"><b>Learner Support / Training</b></p> <ul style="list-style-type: none"> <li>• How to be an online learner</li> <li>• How to use the technology</li> <li>• How to access resources</li> <li>• Self-advocacy</li> </ul>
<p style="text-align: center;"><b>Learning Experience Image / Brand</b></p> <p><b>Based on Consistency &amp; Uniformity of:</b></p> <ul style="list-style-type: none"> <li>• Syllabus components template / format</li> <li>• Syllabus content</li> <li>• LMS courses look and feel</li> <li>• Select components in every course</li> <li>• Supplemental documents</li> <li>• Definitions of modality</li> <li>• Delivery methods and expectations</li> <li>• Learner Customer Service</li> <li>• Learner Career Support</li> <li>• UWO course branding</li> </ul>	<p style="text-align: center;"><b>Effectiveness Assessment Mechanisms</b></p> <ul style="list-style-type: none"> <li>• Measurable learning outcomes</li> <li>• Quality internships</li> <li>• Community engagement</li> <li>• Job placement</li> <li>• Student job retention</li> <li>• Student return rate (for additional education)</li> <li>• Alumni recommendations</li> <li>• Net promoter score</li> <li>• Student surveys</li> <li>• Feedback from accrediting agencies</li> <li>• Drop, Fail, Withdraw rates</li> <li>• College/School/program growth</li> </ul>