We are so pleased to meet with you to fill you in on our progress and discuss possible collaborative opportunities. We value your time and your input.

Presented by: Neil Hair
Executive Director
Innovative Learning Institute
Mission of the Innovative Learning Institute (ILI)

The ILI is committed to the University’s mission to provide a broad range of career-oriented educational programs with the goal of producing innovative, creative graduates who are well-prepared for their chosen careers in a global society. We support this mission by leveraging new technologies and innovative pedagogies to enhance curricular flexibility and strengthen RIT’s brand presence globally.

The ILI coordinates the development, adoption, and promotion of effective teaching and learning in higher education at RIT.
About the ILI

Through its two entities—the Teaching & Learning Services (TLS) and RIT Online—the ILI anticipates, assesses and responds to current trends in higher education by:

- supporting faculty experimentation across disciplines
- exploring flexible learning options
- leveraging new technologies and pedagogies to strengthen RIT’s global presence
- to ultimately provide exceptional learning experiences for our students
About the ILI Units

Through TLS, the ILI encourages innovative teaching and learning projects in all RIT Colleges, including technology-enhanced and online course formats. TLS supports faculty in designing courses, applying appropriate academic technologies, developing media, and using classroom technology resources.

Through RIT Online, the ILI provides students with a robust, engaging, success-oriented experience; a growing portfolio of demand-based online products; and exceptional social and academic support. RIT Online’s system of modular courses, stackable credentials and accelerated options allows students to efficiently and affordably pursue an RIT degree, certificate or a new competency.
Teaching and Learning Services (TLS), a unit of the Innovative Learning Institute (ILI) at RIT, furthers faculty teaching effectiveness and student learning.
About Teaching & Learning Services (TLS)

TLS partners with RIT faculty to improve and expand their students’ learning experience with on-campus, online, and blended courses.

TLS supports faculty in designing courses, applying appropriate academic technologies, developing media, and using classroom technology resources.

Partner with us to: discover, design, develop, deliver, diagnose, disseminate & deliberate to create exceptional student experiences.
Following the 7 D's

01 Discover
Draw on literature, conferences, the Internet, & more to find new ways of enabling your students to achieve course objectives.

02 Design
Envision your class: how you will work with your students and how they will work with each other to learn.

03 Develop
Create the components of your course: lectures, media, assignments, and assessments for students to gain knowledge and practice skills.

04 Deliver
Engage your students using various delivery methods and activities in the learning process.

05 Diagnose
Assess what worked and what didn’t: what helped students learn and where you need to course-correct.

06 Disseminate
Share what you have done with colleagues so they can benefit from your creativity and experience.

07 Deliberate
Refine your course based on results, continually looking for ways to improve student outcomes and satisfaction.

7 D’s

About ILI  |  TLS Services  |  ILI Website
Bloom’s Taxonomy

01 Remembering
- Retrieving, recognizing, and recalling relevant knowledge from long-term memory.

02 Understanding
- Constructing meaning from oral, written, and graphic messages through interpreting, exemplifying, classifying, summarizing, inferring, comparing, and explaining.

03 Applying
- Carrying out or using a procedure through executing or implementing.

04 Analyzing
- Breaking material into constituent parts, determining how the parts relate to one another and to an overall structure or purpose through differentiating, organizing, and attributing.

05 Evaluating
- Making judgments based on criteria and standards through checking and critiquing.

06 Creating
- Putting elements together to form a coherent or functional whole; reorganizing elements into a new pattern or structure through generating, planning, or producing.
## TLS Services Breakdown

### Course Design
- Course design consultations
- Course design learning events
- Course planning tools
- Online course design
- Flipped classroom ideas

### Course Development
- Course development support
- Online course materials support
- Course media captioning
- Video recording & editing
- Multimedia development
- myCourses consultations
- Academic technology consultation
- myCourses & academic technology learning events

### Course Delivery
- Teaching & Learning Support Desk
- Classroom technology training
- Classroom technology delivery
- Equipment loans
- Classroom event support
- Online course exam proctoring

### Other Faculty Services
- Teaching & learning research & development projects
- Grant-funded project support
- Faculty Learning Communities
- Classroom Observation
- Classroom technology usage resources
- Learning space design consultation

### Facilities
- TLS Media Studio
- Faculty Computer Lab

### Policies
- Instructional Design
- Classroom Technology
- Studio and Lab Support
- Academic Technology
- Media Production
Flipped Classroom

1. Identify student learning outcomes
   Use lower-order objectives such as remember, understand & apply.

2. Select Content
   Such as new concepts, review, fundamentals or demonstration.

3. Select Delivery Method
   Such as videos, simulations, interactive modules or online research.

4. Identify student learning outcomes
   Use higher-order objectives such as analyze, evaluate & create.

5. Select Assessment
   Use low-stakes assessment so students come to class prepared.

6. Select Activity
   Such as problem solving, team based learning & hands-on activities.

7. Coach Students
   Guide students and provide feedback as they work.

8. STUDENT LEARNING OUTCOMES
TLS Updates

• Revised PLIG process – flipped and learning analytics

• Completed LMS review – faculty satisfaction high

• Completed first 8 of RIT Online accelerated courses using the new design and development process

• Launched new TLS website – student support website soon to follow

• Created 3 new innovative learning spaces – Steelcase, T.I.L.E and TLT Studio
Transdisciplinary Sustainable Product Design

While teaching their respective courses, Calie Babbitt from the Golisano Institute of Sustainability (GIS) and Alex Lobos of the College of Imaging Arts and Sciences (CIAS) both experienced the knowledge gap between the technology specialists who design sustainable design tools and the product designers who implement those tools. The gap in knowledge becomes very prominent in the field of product design, where engineers collaborate with industrial design professionals, each skilled in their own respective areas, but not aware of the tools and practices of the other. Calie and
The ILI coordinates the development, adoption, and promotion of effective teaching and learning in higher education at RIT. Learn more at rit.edu/ili
Thank you for your time.

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