

L12Capstone Syllabus 2014-2015

Welcome, on behalf of the Lapeer Senior Capstone (L12Capstone) Team!

Within L12Capstone, you will engage in a Project Based Learning (PBL) Model. PBL is a learning process that uses inquiry and challenge to stimulate growth and mastery of content and skills. Within PBL you will develop solutions to real-world problems within teams. Throughout each project you will learn content within, but not limited to, the common core academic areas of Math, Science, English, and Technology. You will also develop and demonstrate 21st century skills throughout PBL.

The L12Capstone Experience

Lapeer Senior Capstone is a unique experience designed for the senior year and emphasizes the development of 21st century skills. Students will develop critical thinking and problem-solving skills within a project based learning culture working toward career and college readiness. Over the course of the year, students will work in teams on pre-designed projects and student created projects that either present ideas for solving real-world problems or create a product that addresses a target market. Internships, influential speakers, business partnerships, technology integration, and effective communication will all be emphasized. Students will spend two periods working in L12Capstone each day and will have the opportunity to earn two credits towards graduation. Students will work to earn an English credit and an additional credit in one of the following areas of mathematics, science, or technology. This course will be housed in the Lapeer Senior Capstone center located at Lapeer's Center for Innovation at the West Campus. Individual student technology will be provided as part of this unique program; however, it is strongly encouraged that students bring their own technology (laptops, iPads, notebooks, smartphones, etc.)

L12Capstone is a unique experience designed specifically for the senior class:

- Cross-curricular credit
- Blended Learning
- Student achievement measured through performance
- Students learn through inquiry, critical thinking and problem solving
- Students are actively engaged in their learning through voice and choice
- L12Capstone offers authentic application of learning:
- Integrating state-of-the-art technology
- Application of higher-order thinking skills
- Collaboration with peers and community members
- Internship opportunities
- Interactions with business leaders
- 21st century learning experience
- Project design and experimentation

L12Capstone prepares students for skills and habits necessary for post-secondary success:

- Teamwork
- Work ethic
- Ethics
- Communication
- Accountability
- Organization and Time Management
- Critical Reflection

The Coordinator of L12Capstone and the Center for Innovation at the West Campus:

Matt Olson

The Instructors and Personnel of L12Capstone:

Bill O’Bryan – English Studies
Melissa Campbell – English Studies
Ted Tomczyk – Science and Math Studies
Lani Ward – Technology Studies
Kathy McKee – Special Studies
Jan Ciaramella – Senior Counselor

The following structure represents the tentative itinerary for the year:

First Semester:

- Introduction to L12Capstone Team
- Technology Training
- ePortfolio
- College and Career Readiness
- Team Building Activities: Bristlebots, Campus Geo Tour, Activity 3, Activity 4

Projects

- Project 1 (English, Math, Science, Technology)
- Project 2 (English, Math, Science, Technology)
- Project 3 (English, Math, Science, Technology)

Second Semester:

Projects

- Project 4 (English, Math, Science, Technology)
- Project 5 (English, Math, Science, Technology)
- Project 6 (English, Math, Science, Technology)
- ARC Project/Internships

Grading Structure:

40% on Content: This portion of the grade is based upon student's ability to demonstrate proficiency in assigned content standards that are learned within each project and each student will receive an individual grade that represents learned content. Each project will integrate three of the four common core academic areas and have content standards designated to be incorporated per subject area. Demonstration of proficiency for content standards will be measured in the form of essays, papers, individual interviews, presentations, journals, lab reports, and/or tests. Instructors will be responsible for assessment of assignments relative to a specific subject. Assessment results representing content learned will be entered into PowerSchool relative to the subjects that students have been selected to earn credit (English, Math/Science/Technology).

40% on 21st Century Skills: This portion of the grade is based upon the student's ability to perform 21st Century Skills throughout each project and each student will receive an individual grade that represents the 21st Century Skills mastered. For each project selected, skills will be assessed, however, emphasis will be placed on all 21st Century Skills. Examples of 21st Century Skills include collaboration, work ethic, problem solving, critical thinking skills, technology, and others. Scoring rubrics will be used to assess the 21st Century Skills. Assessment results representing 21st Century Skills mastered will be entered into PowerSchool relative to the subjects that students have been selected to earn credit (English, Math/Science/Technology).

20% on Product Assessment: This portion of the grade is based upon the assessment of the outcomes of each final product from each project. Examples of final products include but are not limited to prototypes, presentations, individual interviews, movies, graphic design, technical papers, and symposium boards.

Location of assignments, assessment results, and grades.

- Assignments can be found on Google Drive and the L12Capstone Website.
- Many assignments will be handed in through Google Drive.
- PowerSchool will show grades for the following:
 - Assessment results relative to content standards within each project will be weighted as 40% of the semester grade.
 - Assessment results relative to mastery of 21st century skills will be weighted as 40% of the semester grade.
 - Assessment results representing the final completion and success of the project will be weighted as 20% of the semester grade.

Communications:

- PowerSchool will be used to communicate all grades. Make sure you know your password.
- L12Capstone website will provide links for all resources, assignments, resources, apps, and other necessary information.
- Gmail.
- Google Drive is where students will store and share work and collaborate on assignments.
- Dropbox is a site for sharing files and folders. This will be helpful as you work within teams for each project.
- Students will maintain an e-portfolio on a web page hosting site of their choice. (For example: Wix, Weebly, Google Sites, etc.)

Protocols:

If you are Absent...

- Check gmail for the work you need to catch up on sent to you by your teammates.
- Talk with your team members to see what tasks they need you to do.
- Ask your teacher any clarifying questions relative to the project.

If you are Tardy...

- Immediately check in with your attendance teacher to let them know you are present so that they do not mark you absent and to find out if you are working with your team or supposed to attend a training or workshop session. If you are supposed to be working with your team, find your team members and check with them to see what the plan is for the day. If you are supposed to be attending a workshop or training, locate the room for the session and enter with minimal distraction to the group.

If you have a pass to leave L12Capstone to go to the office or for an appointment...

- Take your pass to your attendance teacher to inform them that you need to leave. Sign out in the main office before you leave.

Using the restroom or getting a drink...

- When in a training or workshop session find an appropriate moment to leave to use the restroom or get a drink. Quickly notify the instructor that you need to leave. When working with in your teams, you may use the restroom or get a drink as needed.

Driving and Parking...

- If you drive, L12Capstone students are asked to park in the North Parking Lot only. In addition, driving to and from the Main Campus is a privilege that is maintained by being on time to your classes and parking in the appropriate location.

Building Access...

- L12Capstone students will begin everyday in the large common area for attendance and daily instruction within 2 minutes of the start time. All meetings and all facilities available to L12Capstone students can be found in the main hallway that stretches from the Large Common Area to the small auditorium. The remaining parts of the building are reserved for other Lapeer Community School programs that should not be disrupted by students roaming the hallways.

Understanding of this Syllabus:

If you or your parent/guardian have further questions in regards to this syllabus please contact the L12Capstone coordinator or any of the L12Capstone teachers.