eDynamic Learning

CAREER & ELECTIVE COURSES

Middle School Library

Course Catalog

Guide Passion to Purpose

A Letter from the Founder, Kevin Viau

As a high school teacher, I was frustrated with the limited number of quality online career and elective courses available to my students. I wanted to create a learning system that would engage students and encourage them to take increased ownership in their overall education.

In 2008, I founded eDynamic Learning. Over the last ten years, we have become North America's largest provider of high school CTE and elective courses. Our catalog has grown to more than 150 high-interest courses, many of which are not traditionally offered in middle and high schools. Our catalog includes subjects as varied as Forensic Science, Culinary Arts, International Business, and Game Design.

eDynamic Learning serves a unique role in the K-12 blended and online learning space. We give teachers the ability to offer flexible and engaging curriculum that helps students find their passion and prepare them with the knowledge and skills needed to make life-shaping college and/or career decisions.
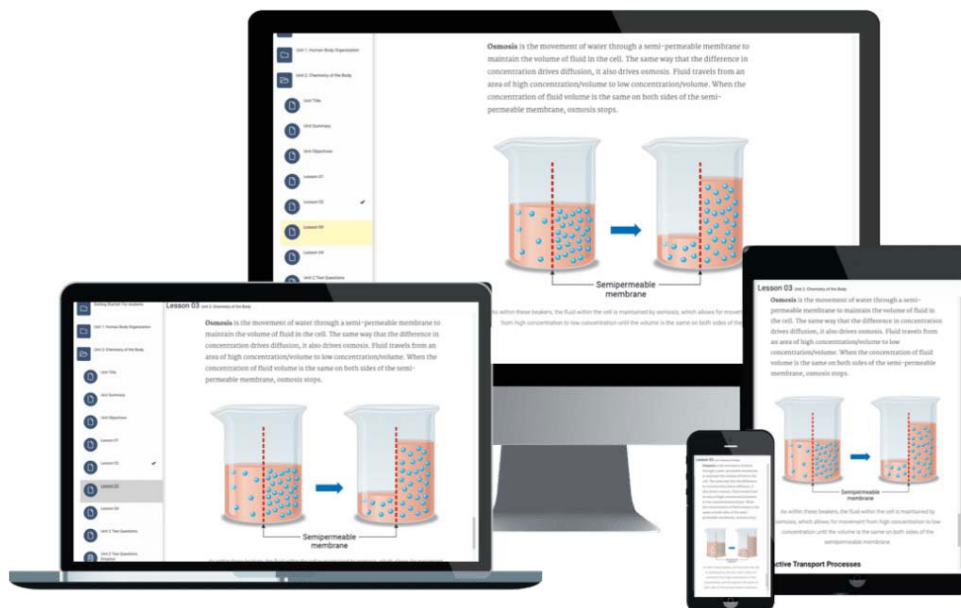
Mobile | Responsive | Accessible

Middle School Courses

Middle School Accelerated Courses (High School Level)

Why Choose eDynamic Learning?

Hassle-Free LMS Integration

All courses are compatible with most Learning Management Systems. If you don't have a Learning Management System, we can provide one.
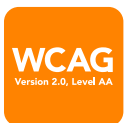
Inclusive of all Learners

WCAG Version 2.0, Level AA

All courses meet Web Content Accessibility Guidelines 2.0 AA to support students that are deaf or hard of hearing, or blind or visually impaired.

Responsively Designed

Our courses work on all devices, including smartphones, laptops or desktops.

Easy Teacher Implementation

We provide free access to our support team for any questions that arise, easy-to-use teacher guides and materials, and professional development options to make the most of the curriculum.

Engaging & Friendly Interface

Each course offers a consistent, dependable, user-friendly design.

Learn more at
www.edynamiclearning.com

Middle School 2D Studio Art

Do you like to draw, paint, or take pictures? Whatever medium you prefer, this course will teach you the design elements and principles needed to create a work of art and explore your artistic inspirations. You'll also travel back in time to look at art in different cultures and learn about the art of critiquing. Let's turn your creative dreams into reality!

Course Code: EDL078

Middle School Career Explorations 1

How do you pick a career path when you're not sure what's even out there? This course allows you to begin exploring options in fields such as teaching, business, government, hospitality, health science, IT, and more! You'll align your interests, wants, and needs to career possibilities, including the required education for each. Let's find a pathway that works for you.

Course Code: EDL225

Middle School Career Explorations 2

Imagine that it's 20 years from now. What career do you see yourself in? What do you imagine that you'll be doing? In this course, you'll explore more careers and what it takes to succeed in different fields. You'll learn more about what steps are needed to prepare for your career and how to compare the pros and cons of different career choices to find one that's best for you.

Course Code: EDL083

Middle School Coding 1a

Do you find yourself wondering how your favorite apps, websites, and games were made? Maybe you want to try building your own. Well, now you can! In Middle School Coding 1a, you will get an introduction to the basics of computer science, HTML, CSS, JavaScript, and Python. You'll leave the course with a portfolio of work you can show off!

Course Code: EDL102

Middle School Coding 1b

Let's take the coding skills you learned in the previous course to the next level! You'll expand your knowledge with Advanced Python, HTML, and JavaScript. You'll further build out your portfolio and start thinking about a career in the fast-growing IT field.

Course Code: EDL109

Middle School Digital Art & Design

The world is filled with so many different forms of art – including digital art. In this course, you'll explore this special genre of art found in everything from advertising to animation to photography and beyond. Additionally, you'll tap into your creative side to create digital art and make it come alive!

Course Code: EDL077

Middle School Exploring Information Technology

Are you interested in creating a website or app, or managing various technology solutions, but not sure where to start? If so, then it's time to explore the different career options available to you in IT and learn the foundations of IT to get you started. Examine various IT pathways of web and digital communications, information and support services, network systems, and programming and software development. Let's investigate which career pathway is right for you!

Course Code: EDL043

Middle School Exploring Music

What comes to mind when you hear the word 'music'? Do you think about your favorite band or artist? In this course, you'll learn about how we hear music; how music affects our lives; essential elements of music like rhythm, pitch, and harmony; different musical genres; singing and your voice; various instruments; music composition; and the history and culture of music over the years.

Course Code: EDL079

Middle School Fitness

What does being fit mean to you? It's more than just a number on a scale, and this course will help you understand the basics behind what it means to be physically fit. Learn how your body functions; learn the complex science behind exercise; explore what it means to be mindful and what inspires you, and determine how you can test your current level of fitness.

Course Code: EDL080

Middle School Game Design 1a

We love to play video games, but have you ever wanted to build your own? If you are interested in a career in technology but also want a creative outlet, Game Design might be the field for you. Learn how to build a game from the ground up in this interactive and hands-on course that will teach you all the ins and outs of making your own game.

Course Code: EDL103

Middle School Game Design 1b

It's time to take your Game Design knowledge up a level! You built your game design skills and Scratch techniques in the first part of this course. By the end, you wrote your game design document. Now you are ready to start developing that game! You'll create details and add component pieces in a game while learning to prototype, troubleshoot, and test.

Course Code: EDL110

Middle School Journalism

Course Code: EDL041

Are you someone who likes to write to get the story straight? Skilled journalists know how to find key facts and write them up in a way that makes it easy for others to read. In this course, you'll learn how to ask the right questions, how to gather information effectively, organize ideas, format stories, and edit your articles. Get ready to break that news!

Middle School Photography 1a: Introduction

Course Code: EDL345

Photographs are all around us, and each helps to tell a story. Now it's time for you to create your story through photos you learn how to take in this course. Learn the basics of using a camera, lighting, and how to choose great subjects to create magazine-worthy photos and amaze your friends and family with your skills.

Middle School Photography 1b: Drawing with Light

Course Code: EDL346

Do you have vacation photos or pics of your pet that need a little editing? How about getting ready to add that new selfie you took to your social media platform? Taking photos is an art, and editing photos is a skill that many photographers seek to master. Explore how to manipulate angles and lighting, the purpose for different types of photo files, how to use different software to edit photos, and safe places you can store them. You'll be well on your way to being an editing guru when you're done with this course.

Learning in a Digital World: Digital Citizenship

Course Code: EDL095

We use technology to communicate with others and to even complete schoolwork. Discover what it means to be a responsible digital citizen and become a successful online student. Explore online media types, including videos, blogs, emails, and podcasts. And leave this course having learned about real issues and how to solve real-world problems around navigating this ever-changing digital world.

Middle School Accelerated Courses (High School Level)

Business Information Management 1a: Introduction

Course Code: EDL215

Do you dream of owning your own business someday, or working for a company in a leadership position? Wherever your path may lead you, having the essential knowledge of business types, requirements to start a business, understanding of finances, business law, marketing, sales, customer service, and more will ensure you're on the path to success. Let's explore your passion for business in this course!

Business Information Management 1b: Data Essentials

Course Code: EDL216

Now that you have the business basics down from the previous course, it's time to explore how data drives decisions for ensuring a business's success. This includes the understanding of people skills, such as teamwork and managerial skills, as well as the basics of word processing, spreadsheets, databases, and presentation software. Show employers you're ready to ensure the success of their business.

Careers in Criminal Justice 1a: Introduction

Course Code: EDL347

Have you ever wondered what steps take place as people as they move through the court system? The criminal justice system is a very complex field that requires dedicated people willing to pursue equal justice for all. Explore different career choices and how the juvenile justice system, the correctional system, and the trial process all work together to maintain social order.

Careers in Criminal Justice 1b: Finding Your Specialty

Course Code: EDL348

Have you ever thought about a career as a police officer, an FBI or DEA agent, or any occupation that seeks to pursue justice for all? Careers in criminal justice can be found at local, county, state, and federal levels, and even in the private sector. Explore some of the various occupations in this field, while simultaneously learning how they interact with each other and other first responders. Discover various interviewing techniques to uncover the truth. Understand the importance of making ethical decisions, and how you need to keep your sense of right and wrong in check to be successful in this field

Concepts of Engineering and Technology

Course Code: EDL067

Sometimes we look at buildings and structures and think, 'how is this possible?' Engineers understand a lot of things, but the word impossible isn't one of them. This course explores the different branches of engineering and how problem-solving, sketching, collaboration, experimentation, and how new science can change the very fiber of our human lives. By examining astounding engineering feats and complex ongoing issues, you, too, will begin to question whether the word impossible exists.

Foundations of Game Design 1a: Introduction

Course Code: EDL243

Does your love of video games motivate you to want to pursue a career in game design? Embrace your passion by learning about the principles of game design through the stages of development, iterative process, critiques, and game development tools. You'll develop skills from several disciplines, including design, visual arts, audio arts, and computer programming to build a playable game of your own.

Foundations of Game Design 1b: Storytelling, Mechanics, and Production

Course Code: EDL244

In this next course, you'll start using a platform many of the pros use: Unity, in order to set up a basic 3D world with rules with level metrics. You'll use design principles to create textures, movements, illusions, and more. You'll also explore the world of augmented reality and the future of gaming. With the content of this course, you're well on your way to taking a certification exam and pursuing a career in this field!

Health Science Foundations 1a: Introduction

Course Code: EDL152

Careers in health science are some of the most secure, in-d emand, and highest paying jobs available. Get introduced to this field by exploring possible careers and the education and training needed for different positions. You'll learn basic medical terminology, principles of anatomy and physiology, and legal and ethical responsibilities. Explore communication, teamwork, and leadership skills to help you get started in pursuing a highly rewarding career in this industry.

Health Science Foundations 1b: Professional Responsibilities

Course Code: EDL153

In this next course, you'll enhance your understanding of health science skills while exploring employment opportunities and analyzing your career goals. You'll evaluate your professional responsibilities for ensuring patient and personal safety, with a focus on emergency procedures, including first-aid and CPR. Learn about bloodborne pathogens, infection control, and how to measure vitals and interpret medical charts. You're well on your way to employability in the health science field!

Hospitality and Tourism 1: Traveling the Globe

Course Code: EDL027

Where is your dream travel destination? Now imagine working there! You're about to be introduced to a thriving industry that caters to the needs of travelers through managing hotels, restaurants, cruise ships, resorts, theme parks, and any other kind of hospitality you can imagine. Explore how to spot travel trends, operate busy tourist locations, plan events, create marketing, and more.

Human and Social Services 1: Introduction

Course Code: EDL093

Careers in human and social services are highly rewarding for people who are passionate about making a difference, helping others, and fighting for justice – for individuals and society. It's an interdisciplinary field that blends psychology, sociology, and anthropology, therefore, you'll learn about the different agencies that support at-risk groups in society and how to meet the various kinds of human needs to prepare for a career in this field.

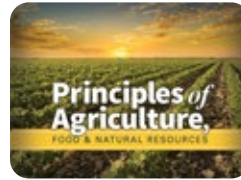### Manufacturing: Product Design and Innovation

Course Code: EDL053

Think about the last time you visited a store and the different items you saw on the shelves. All those products at one point went through a manufacturing process before they could be marketed and sold. This is a creative industry, so in this course, you'll explore the different types of manufacturing systems as well as career opportunities. Then you'll plan your own manufacturing process and create an entirely original product!

Principles of Agriculture, Food and Natural Resources

Course Code: EDL070

Did you know that the world's population could be as high as 11 billion people by the year 2050? And certainly, as our population is growing, so too are our food needs. This course explores how we can feed the world and manage our natural resources. It examines emerging trends in agriculture, food production, natural resources, plant science, and technology to better prepare us for sustaining the world.

Principles of Business, Marketing, and Finance 1a: Introduction

Course Code: EDL223

Ninety-eight percent of businesses are classified as small businesses with less than 100 employees. This means that the chances of you working for a small business – or owning own – are pretty high. Business owners first determine their business type, ownership form, and tax structure, and think about how products go global through marketing and the impact that technology plays a role. These essentials are what you'll learn too.

Principles of Business, Marketing, and Finance 1b: Targeting Your Business Insight

Course Code: EDL224

After learning the business basics, it's time to start exploring more advanced topics that focus on marketing strategy, business finance and accounting, banking and investments, and financial management. There is a wide range of careers that make up this industry to consider, along with the employability skills employers are looking for.

Principles of Information Technology 1a: Introduction

Course Code: EDL150

Computers are all around us and a big part of our daily lives. This makes careers in the field of Information Technology in high demand. You'll get the IT fundamentals you need in this course, helping you to understand computer hardware and software, data and storage, IT apps, and more. Then explore the different career choices of this lucrative industry to find one that's right for you.

Principles of Information Technology 1b: Working with Computers

Course Code: EDL151

Once you have the IT fundamentals down, it's time to learn more advanced IT skills, as well as learn about organizations you can join and the next steps for this career path. You'll start exploring programming, algorithms, and the basics of web design and graphics. As well as what it means to communicate digitally, beware of security threats and cybercrime, and the legal and ethical issues IT professionals face.

Principles of Public Service: To Serve & Protect

Course Code: EDL058

Firefighters, police officers, EMTs, teachers, civil engineers, organizations, and others are part of the rewarding field of public service. This industry offers so many different options for those who want a career that is dedicated to serving and protecting people and building a safe and healthy world. If you're interested in learning about public service, what it entails, and possible careers, then this course is for you.

Introduction to Programming 1a

Course Code: EDL221

Have you ever wondered how your favorite software is created? Explore the software development life cycle from start to finish while developing your own programming skills with Python. Explore the power of data and algorithms along with their influence on the world. Launch yourself into the endless possibilities a career as a programmer can bring you!

Introduction to Programming 1b

Course Code: EDL222

Now that you've learned the basics of programming, it's time to discover how programming can solve a vast array of problems. Plan and develop a problem-solving program while performing testing, debugging, and quality assurance procedures. Design and plan your own app as part of your capstone project to give you a thorough introduction to the world of programming.

Comprehensive Curriculum

Offer courses that engage your students in meaningful ways and improve their educational experience within your school program. Our courses allow students to find their passion, hone their skills, engage socially and intellectually, and achieve academic excellence.

Personal Curriculum Narratives
Engaging curriculum narratives employ backwards design methodology to support best practices on how today's students learn.

Reflective Discussion Assignments
High-interest discussion questions encourage students to reflect, collaborate, and share learning experiences.

Captivating Course Lab Activities
The principals of Bloom's Taxonomy are applied to labs and activities as students evaluate, create, and analyze.

Contemporary Graphics
Next generation graphics and thought-provoking instructional design that is expected by today's online student.

Optional Support Tool Bar
Support students diverse needs with over 90 language translations, text-to-speech read aloud, dictionary tool, screen masking, and more!

Balanced Reading Level
Courses consist of an interesting and balanced reading level. Bold text helps students identify main ideas, keywords, and concepts.

Interactive Features
Flashcards, slideshows, diagrams and other elements engage students with the content and decrease passive learning.

Formative & Summative Assessments
Courses contain auto-graded unit quizzes, midterm exams, and final exams. Students also have opportunities to "test their knowledge" before quizzes.

Podcast Narrations
Each course unit contains professional audio narrations to provide support for auditory learners. Students can also listen on-the-go to make the most of their time and take learning deeper.

Videos
Short videos offer closed captioning and engaging content.

How Our Courses Are Offered

OPTION 1
Courses can be delivered though your school's learning management system. eDynamic Learning courses are 100% compatible with the most popular learning management systems used in K12 education.

OPTION 2
Our courses can be hosted on our robust eDynamic Learning management system. Based on school colors and logo, the learning management system is custom branded for your school.

AGILIX Buzz · moodle · canvas
Blackboard · schoology · D2L Brightspace

Contact Us to Learn More

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