



Information Technology Career Pathway

ARTICULATION AGREEMENT

Secondary School:

Secondary Program: Interactive Media

AND

Postsecondary School: NHCTC – Stratham

Postsecondary Program: Digital Design and Animation

Effective Date: From _____ to _____

Signatures

Department Chair, NHCTC-Stratham

Date

President

Date

**Director
Technology Center**

Date

**Department Chair
Technology Center**

Date

NHCTC-Stratham:

Provide an opportunity for high school students to visit the college campus, attend classes, and interview with an admissions counselor.

Establish a process whereby course content and objectives are annually reviewed with the high school principal and/or vocational director and the secondary instructor(s). The college will follow established procedures for those courses in the BT strand that are offered as Running Start courses.

Secondary School:

Provide an opportunity for high school students to visit the college campus, attend classes, and interview with an admissions counselor.

Establish a process whereby course content and objectives are developed and annually reviewed with the postsecondary department chair and instructor(s). The secondary school will follow established procedures for those courses in the BT strand that are offered as Running Start courses.

Student:

Makes arrangements to visit the college campus, attend classes and interview with the college admissions counselor.

Maintain 3.0 grade point average on a scale of 4.0 with a 90% attendance rate.

Terms and Conditions

Students enrolled in the high school recommended sequence of courses may have the opportunity to earn college credit when the following criteria are met:

- a. A review of the skills profile indicates attainment of necessary skills and standards required by the college course**
- b. An attendance rate of no less than 90%**
- c. A grade point average of a B or 3.0 on a 4.0 scale or higher in the technical courses**

- d. Attainment of national certification, such as Microsoft Office User Specialist, which documents prior learning and, thus, advances students to the next level of course(s)

Sequence of Aligned Courses

High School	NHCTC-Stratham
Intro to Business	BUS 110
English Composition	ENGL110
Principles of Marketing	MKTG125 Principles of Marketing An introduction to basic concepts with primary applications to public and non-profit organizations, national and global, including marketing objectives, strategies segmentation and promotion.
Communication	ENGL210 Communications A course designed to give a student confidence and poise in a public speaking situation through practice in speech preparation and presentation.
IT and Me IT and Me Works	CIS110 Introduction to Computers As a foundation course to learning how to operate a personal computer, students will explore the three major theory topics of hardware, software and communication. Using a fully integrated, hands-on approach, students will learn the fundamental elements of the most current version of Microsoft Office – Word, Excel, Access and PowerPoint. Students are required to have basic keyboarding skills before taking this course.
Intro to Graphic Design	CIS115
Web Page Design I	CIS124 Web Programming I This course covers all introductory web page development syntax. Students will study in detail the required tags, semantics, and idioms of HTML (hypertext markup language) as defined by the current version of the W3 Consortium standard. The course will cover all HTML tags and attributes, rules, images, links and document layout with an emphasis on cascading style sheets.
Intro to Multimedia	CIS145 Introduction to Multimedia This project-based course introduces students to multimedia concepts through a production environment. Students will learn how to create and manipulate objects, develop screen designs and begin to build computer applications to incorporate graphics, animation, audio and video. Students will be introduced to current industry standards using Macromedia Director

Video Production	CIS165 Video Production The fundamentals of video production and pre-production will be studied in detail through individual or team productions. Students will learn script writing, story boarding and production. A technical foundation will be established regarding rudimentary aspects of video engineering. All aspects of the production process including camera functions, lighting, shooting techniques (studio and location), audio-for-video, and voice over acquisition will be presented.
Introduction to 3D Design	CIS125 3D Design Students will explore 3D concepts including camera, lighting, timelines, tweening, movement, form, morphing, nurb, splines, motion paths and special effects. Students will focus on techniques and visual aesthetics and design.