Jump Start 2.0 Associate of Applied Science: Drafting & Design Technology
Postsecondary Partner: River Parishes Community College

Overview

The Drafting & Design degree program is a 60-credit hour program that prepares students for a successful career as a professional drafter who will be equipped with the advanced skills necessary to quickly advance to the level of senior technical designer. In addition to basic and advanced CADD skills, students are trained in 3D CADD applications and professional-level advanced programs such as Revit, Inventor, and the highly sought after Plant 3D. Students also learn valuable general industry skills such as industrial safety and statistical quality control.

Capstone Credentials

Regional (Emerging)	Basic	Advanced	Fast Forward Advanced Plus
-Autodesk Revit	-Certificate of Technical Studies: Drafting & Design Technology -Autodesk AutoCAD Certified User	-Technical Diploma: Drafting & Design Technology -Autodesk Inventor Certified User	-Associate of Applied Science: Drafting & Design Technology

*Core Academic Course
**Jump Start CTE Course

Grade 9	
Semester 1	**Semester 2**
*Business English 120336	*English I 120331
*Math Essentials 160351	*Algebra I 160321
*Civics 220501/220504	*Environmental Science 150310
*Physical Education I 190105	*½ Physical Education II 190106 ½ Health Education 190500

Grade 10	
Semester 1	**Semester 2**
*English II 120332	*Technical Writing lel120350
*Transition to College Mathematics 165040 or Algebra II 160322	*Financial Literacy 160345
*Biology I 150301	*U.S. History 220403
**General Technology Education 110010	**Quest for Success 080411

Additional and/or equivalent TOPS core aligned courses can be found in Bulletin 741.

Grade 11			
Semester 1		**Semester 2**	
Postsecondary Course	**LDOE Course/Code**	**Postsecondary Course**	**LDOE Course/Code**
**Fundamentals of Drafting & Design DRFT 1000	**DE Basic Technical Drafting 110560	**Advanced CADD CADD 1200	**TBD
**Introduction to CADD CADD 1100	**TBD	**Print Reading for Industry PRNT 1000	**DE Design, Blueprint Reading and Codes 310622
**Introduction to Computer Technology CSCI 1010	**DE Intro to Business Computer Applications 040401	**Introduction to Speech SPCH 1200	**DE Speech I 051101
*English Composition I ENGL 1010	*English IV: DE-CENL 1013 English Composition I	*College Algebra MATH 1100	*Algebra III: DE-CMAT 1213 College Algebra 160500

Grade 12			
Semester 1		**Semester 2**	
Postsecondary Course	**LDOE Course/Code**	**Postsecondary Course**	**LDOE Course/Code**
**Introduction to Drafting Disciplines DRFT 1300	**DE Drafting & Design Technology I 311300	**Advanced Drafting Disciplines DRFT 1500	**DE Drafting & Design Technology II 311305
**3-D CADD Concepts CADD 1300	**TBD	**Plant 3D and BIM CADD 1700	**TBD
**Plant Equipment PTEC 1630	**DE Process Technology I: Equipment 110922	**TEC Electives (Plant Safety, Health, & Environment PTEC 2030, Statistical Quality Control PTEC 2070, OR Cooperative Education DRT 2999)	**DE Safety Standards and Systems 890910, TBD, or DE Internship Fast Forward 890050
**Plant Equipment Lab PTEC 1631	**TBD	Social Science Elective: ECON 2010, ECON 2020, SOCL 2000, PSCY 2010, or GEOG 2010	Economics: DE-CECN 2213 Macroeconomics 220608 or Economics: DE-CECN 2223 Microeconomics 220609 or Sociology 220601 or Psychology: DE CPSY 2013 – Introduction to Psychology 225011 or World Geography: DE-CGRC 2213 Physical Geography 220312
*Physical Science PHSC 1010	*Physical Science: DE-CPHY 1023 Physical Science I 150915		

DEPARTMENT of EDUCATION
Louisiana Believes

This pathway framework is an outline of how the approved courses can be implemented. Schools may opt to rearrange the order of course sequencing in order to meet local scheduling requirements. Additionally, Fast Forward pathways are dynamic and the Jump Start Review Panel will consider course equivalents on an as needed basis.